

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING						FORM 3 AMENDED REPORT				
<b>APPLICATION FOR PERMIT TO DRILL</b>						1. WELL NAME and NUMBER Three Rivers 32-44-720				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT THREE RIVERS				
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME				
6. NAME OF OPERATOR ULTRA RESOURCES INC						7. OPERATOR PHONE 303 645-9810				
8. ADDRESS OF OPERATOR 304 Inverness Way South #295, Englewood, CO, 80112						9. OPERATOR E-MAIL dghani@ultrapetroleum.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) FEE			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Jean Harrison Rogers						14. SURFACE OWNER PHONE (if box 12 = 'fee') 801-596-2676				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 1285 Valentine Street, Salt Lake City, UT 84116						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL	FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN			
LOCATION AT SURFACE	170 FNL 1450 FEL		NWNE	5	8.0 S	20.0 E	S			
Top of Uppermost Producing Zone	660 FSL 660 FEL		SESE	32	7.0 S	20.0 E	S			
At Total Depth	660 FSL 660 FEL		SESE	32	7.0 S	20.0 E	S			
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 660		23. NUMBER OF ACRES IN DRILLING UNIT 40					
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 40		26. PROPOSED DEPTH MD: 7258 TVD: 7046					
27. ELEVATION - GROUND LEVEL 4778			28. BOND NUMBER 022046398		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 49-2262					
<b>Hole, Casing, and Cement Information</b>										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
SURF	11	8.625	0 - 1000	24.0	J-55 LT&C	8.8	Premium Lite High Strength	80	2.97	11.5
							Class G	115	1.16	15.8
PROD	7.875	5.5	0 - 7258	17.0	J-55 LT&C	10.0	OTHER	225	3.54	11.0
							OTHER	450	1.35	14.0
<b>ATTACHMENTS</b>										
<b>VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES</b>										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Katherine Skinner				TITLE Permitting Assistant			PHONE 303 645-9872			
SIGNATURE				DATE 06/18/2014			EMAIL kskinner@ultrapetroleum.com			
API NUMBER ASSIGNED 43047545220000				APPROVAL  Permit Manager						

**ULTRA RESOURCES, INC.**

**MASTER**  
**8 - POINT DRILLING PROGRAM**

**Slim Hole Design**  
**8 5/8" Surface & 5 1/2" Production Casing Design**

**DATED: 07-22-14**

**Directional Wells located on Ultra leases in  
Three Rivers Project:**

**Three Rivers 32-44-720**

**NWNE Sec 5-Lot 2 T8S-R20E**

**Uintah, Utah**

**ONSHORE OIL & GAS ORDER NO. 1**  
**Approval of Operations on Onshore**  
**Federal and Indian Oil and Gas Leases**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (CFR 43, Part 3160) and the approved Application for Permit to Drill. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations.

**RECEIVED: July 22, 2014**

**1. Formation Tops**

The estimated tops of important geologic markers are as follows:

<u>Formation Top</u>	<u>Top (TVD)</u>	<u>Comments</u>
Uinta	Surface	
BMSW	1,300' MD / 1,300' TVD	
Green River	3,107' MD / 3,006' TVD	
Mahogany	4,575' MD / 4,366' TVD	
Garden Gulch	5,173' MD / 4,961' TVD	Oil & Associated Gas
Lower Green River*	5,333' MD / 5,121' TVD	Oil & Associated Gas
Wasatch	7,058' MD / 6,846' TVD	Oil & Associated Gas
TD	7,258' MD / 7,046' TVD	

**Asterisks (\*) denotes target pay intervals**

All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished to the BLM. Oil and gas shows will be adequately tested for commercial possibilities, reported and protected by casing and cement.

**2. BOP Equipment**

- A) The BOPE shall be closed whenever the well is unattended. The Bureau of Land Management will be notified 24 hours prior to all BOPE pressure tests. The State of Utah, Division of Oil, Gas and Mining will be notified 24 hours prior to all BOPE pressure tests.
- B) The BOPE shall be closed whenever the well is unattended.
- C) As per 43 CFR 3160, Onshore Oil and Gas Order No. 2, Drilling Operations, Part A:
- 1) All BOPE connections subjected to well pressure will be flanged, welded, or clamped.
  - 2) Choke Manifold
  - 3) Tee blocks or targeted 'T's will be used and anchored to prevent slip and reduce vibration.
  - 4) Two adjustable chokes will be used in the choke manifold.
  - 5) All valves (except chokes) in kill line choke manifold and choke line will not restrict the flow.
  - 6) Pressure gauges in the well control system will be designed for drilling fluid.
- D) BOPE Testing:
- 1) BOPE shall be pressure tested when initially installed, whenever any seal subject to pressure testing is broken, or after repairs.
  - 2) All BOP tests will be performed with a test plug in place.
  - 3) BOP will be tested to full stack working pressure and annular preventer to 50% stack working pressure.

**INTERVAL**

0 - 1,000' MD / 1,000' TVD  
1,000' MD / 1,000' TVD – 7,258' MD / 7,046' TVD

**BOP EQUIPMENT**

11" Diverter with Rotating Head  
3,000# Ram Double BOP & Annular with  
Diverter & Rotating Head

NOTE: Drilling spool to accommodate choke and kill lines.

**3. Casing and Float Equipment Program****CASING:**

<b>Directional Well</b>	<b>Hole Size</b>	<b>OD</b>	<b>Depth MD/TVD</b>	<b>Wt.</b>	<b>Grade &amp; Connection</b>	<b>Cond.</b>
<b>Surface</b>	11"	8 5/8"	1,000' MD / 1,000' TVD	24.0 ppf	J-55, LTC	New
<b>Production</b>	7 7/8"	5 1/2"	7,258' MD / 7,046' TVD	17.0 ppf	J-55, LTC	New

**CASING SPECIFICATIONS:**

Directional Well	Casing OD	Casing ID / Drift ID	Collapse (psi)	Int. Yield (psi)	Ten. Yield (lb)	Jt. Strength (lb)
Surface	8 5/8"	8.097" / 7.972"	1,370	2,950	381,000	244,000
Production	5 1/2"	4.492" / 4.767"	4,910	5,320'	273,000	229,000

**FLOAT EQUIPMENT:**

SURFACE (8 5/8")

Float Shoe, 1 joint casing, float collar

Centralizers: 1 each 1<sup>st</sup> 4 Joints then every 4<sup>th</sup> joint to surface

PRODUCTION (5 1/2")

Float Shoe, 1 joint casing, float collar

Centralizers: 1 each 1<sup>st</sup> 4 Joints then every 3<sup>rd</sup> joint to 500' into surface casing**4. Cementing Programs****CONDUCTOR (13 3/8")**

Ready Mix – Cement to surface

**SURFACE (8 5/8")**

Surface – 500'

Cement Top - Surface

Lead: 80 sks, Premium Lightweight Cmt w/ additives, 11.5 ppg, 2,97 cf/sk 50% excess

500' – 1,000' MD / 1,000' TVD ± Tail: 115 sks Glass G Cement w/ additives, 15.8 ppg, 1.16 cf/sx, 50% excess

Note: The above volumes are based on a gauge-hole + 50% excess.

**PRODUCTION (5 1/2")**

500' - 4,000' TVD ±

Cement Top – 500'

Lead: 225 sks – Econocem Cement w/ 0.25 lbm Poly-E-Flake, 1% Granulite TR 1/4, 5 lbm Kol-Seal; 11.0 ppg; 3.54 cf/sx; 15% excess

4,000' – 7,258' MD / 7,046' TVD Tail: 450 sks, Expandacem Cement w/ 0.25 lbm Poly-E-Flake, 1 lbm Granulite TR 1/4, 2 lbm Kol-Seal; 14.0 pp; 1.349 cf/sk; 15% excess

Note: Lead Cement will be brought to 4,000' which will give a minimum of 500' above Lower Green River.

- A) For Surface casing, if cement falls or does not circulate to surface, cement will be topped off.
- B) Cement will not be placed down annulus with a 1" pipe unless BLM is contacted.
- C) The Bureau of Land Management will be notified 24 hours prior to running casing and cementing.
- D) As per 43 CFR 3160, Onshore Oil and Gas Order No.2, Drilling Operations, Part B:
  - 1) All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe (minimum of 8 hours) prior to drilling out.
  - 2) Prior to drilling out cement, casing will be pressure tested to 1500 psi. Pressure decline must not be greater than 10% (150 psi) in 30 minutes.
  - 3) Progress reports, Form 3160-5 "Sundry Notices and Reports on Wells", shall be filed with the Field Manager within 30 days after the work is completed.
  - 4) Setting of each string of casing, size, grade, weight of casing set, hole size, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of cementing tools used, casing test method and results, and the date work was done. Show the spud date on the first reports submitted.
  - 5) Temperature or bond logs must be submitted for each well where the casing cement was not circulated to the surface.



- 6) A pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed after drilling 5-10 feet of new hole.

## 5. Mud Program

The proposed circulating mediums to be employed in drilling are as follows:

Interval	Mud Type	Viscosity	Fluid Loss	pH	Mud Wt. (ppg)
0 – 1,000' MD / 1,000' TVD	Water/Spud Mud	32	No Control (NC)	7.0 -8.2	<8.8
1,000' MD / 1,000' TVD - 7,258' MD / 7,046' TVD	DAP System	40 - 60	10 - 18	7.0-8.2	<10.0

- A) For Surface Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control during the course of drilling operations. A mud test shall be performed every 24 hours after mudding up to determine, as applicable: density, viscosity, gel strength, filtration, and pH.
- B) The mud monitoring equipment on location will be installed by top of Green River and will be able to monitor at a minimum the pit volume totalizer (PVT), stroke counter, and flow sensor
- C) Flare line discharge will be located no less than 100 feet from the wellhead using straight or targeted 'T' and anchors.

## 6. Evaluation Program - Testing, Logging, and Coring

- A) Cores: None anticipated.
- B) Testing: None anticipated.
- C) Directional Drilling: Directional tools will be used to locate the bottom hole per the attached directional plan +/-.
- D) Open Hole Logs: TD to surface casing: resistivity, neutron density, gamma ray and caliper.
- E) Mud Logs: None anticipated.
- F) Formation to TD; record and monitor gas shows and record drill times (normal mud logging duties).

## 7. Anticipated Pressures and H.S.

- A) The expected bottom hole pressure is 3,500 – 3,650 psig. Normal pressures are anticipated from surface to approximately TD. These pressures will be controlled by a blowout preventer stack, annular BOP, choke manifold, mud/gas separator, surface equipment and drilling mud. A supply of barite to weight the mud to a balancing specific gravity, if necessary, will be on location.
- B) Maximum expected surface pressure will be based on the frac gradient of the casing shoe. The design of the casing assumes that the MASP will be the fracture pressure at the shoe less a column of gas.
- C) No hydrogen sulfide gas is anticipated, however if H<sub>2</sub>S is encountered, the guidelines in Onshore Oil and Gas Order No. 6 will be complied with.

## 8. Other Information and Notification Requirements

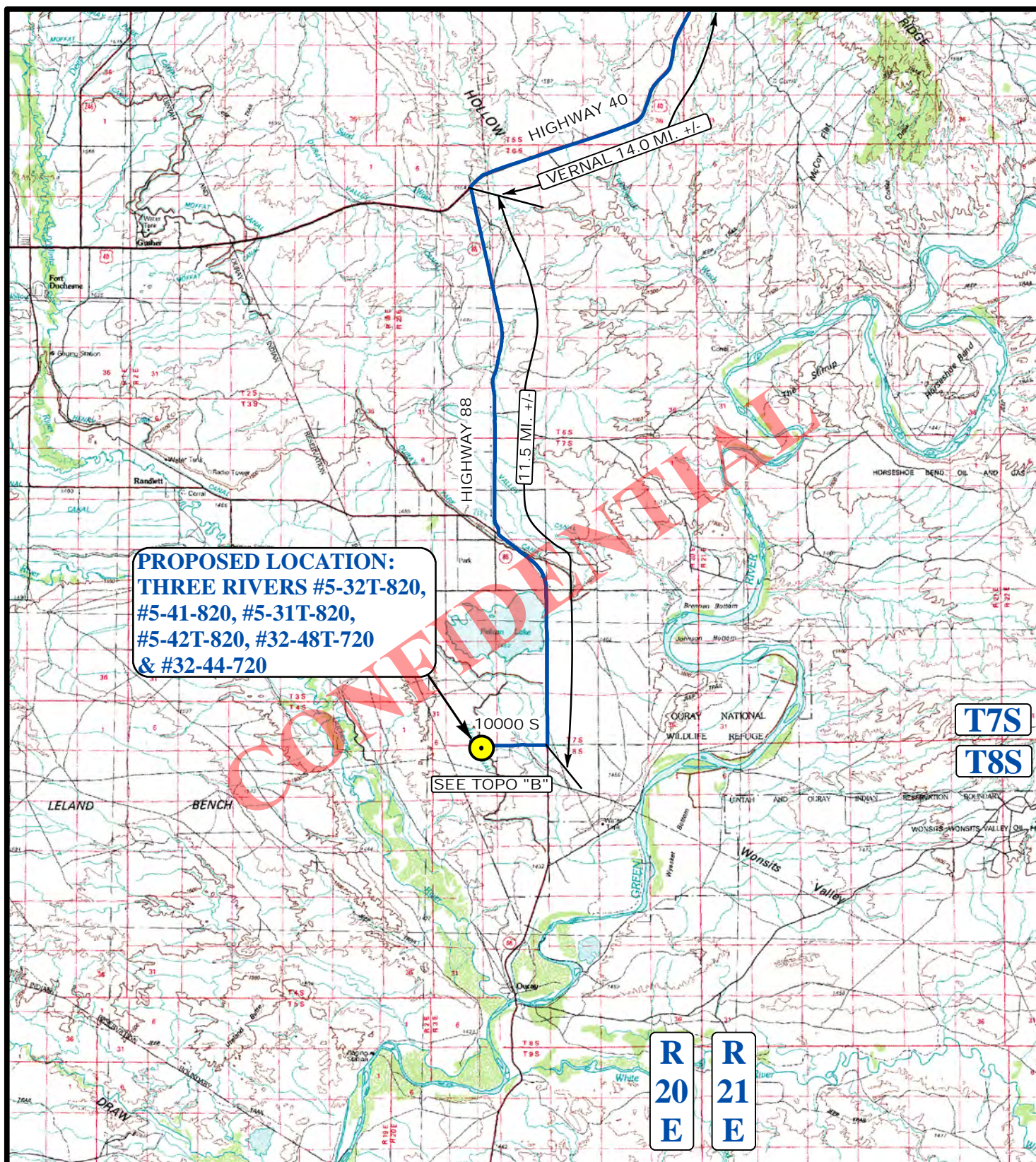
- A) There shall be no deviation from the proposed drilling and/or workover program as approved. Any changes in operation must have prior approval from the **Utah Division of Oil, Gas and Mining**, and the BLM Vernal (when drilling on Federal leases).

- 1) Anticipated starting date will be upon approval. It is anticipated that completion operations will begin within 15 days after the well has been drilled.
  - 2) It is anticipated that the drilling and completion of this well will take approximately 90 days.
- B) Notification Requirements for ***Utah Division of Oil, Gas and Mining***:
- ***Within 24 hrs. of spud (Carol Daniels at 801/538-5284)***
  - ***24 hrs. prior to testing BOP equipment (Dan Jarvis 801/538-5338 or 231-8956)***
  - ***24 hrs. prior to cementing or testing casing (Dan Jarvis)***
  - ***Within 24 hrs. of making any emergency changes to APD (Dustin Doucet 801/538-5281 or 733-0983)***
- C) Notification Requirements BLM Vernal ***when drilling on Federal leases as follows: (Cade T Taylor @ cctaylor@blm.gov and Blm ut\_vn\_opreport@blm.gov:***
- ***Within 24 hrs. of spud (Carol Daniels at 801/538-5284)***
  - ***24 hrs. prior to testing BOP equipment (Dan Jarvis 801/538-5338 or 231-8956)***
  - ***24 hrs. prior to cementing or testing casing (Dan Jarvis)***
  - ***Within 24 hrs. of making any emergency changes to APD (Dustin Doucet 801/538-5281 or 733-0983)***
- D) Any changes in the program must be approved by the ***Utah Division of Oil, Gas and Mining*** and or the BLM Vernal Office. "Sundry Notices and Reports on Wells" (form 3160-5) must be filed for all changes of plans. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- 1) Should the well be successfully completed for production, the BLM Pinedale Field Office must be notified when it is placed in a producing status. The notification shall provide, as a minimum, the following information items:
    - Operator name, address, and telephone number.
    - Well name and number.
    - Well location (1/4 1/4, Section, Township, Range and P.M.)
    - Date well was placed in a producing status (date of first production for which royalty will be paid).
    - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
    - The Federal or Indian lease prefix and number on which the well is located. As appropriate, the unit agreement name, number and participating area name. As appropriate, the communitization agreement number.

SCALE 1" = 1000'	DATE SURVEYED: 03-24-14	DATE DRAWN: 03-26-14
PARTY B.H. J.J. S.S.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE ULTRA RESOURCES, INC.	

RECEIVED: June 18, 2014



**LEGEND:**

**PROPOSED LOCATION**

**ULTRA RESOURCES, INC.**

**THREE RIVERS #5-32T-820, #5-41-820, #5-31T-820,**  
**#5-42T-820, #32-48T-720 & #32-44-720**  
**SECTION 5, T8S, R20E, S.L.B.&M.**  
**LOT 2**



**Utah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

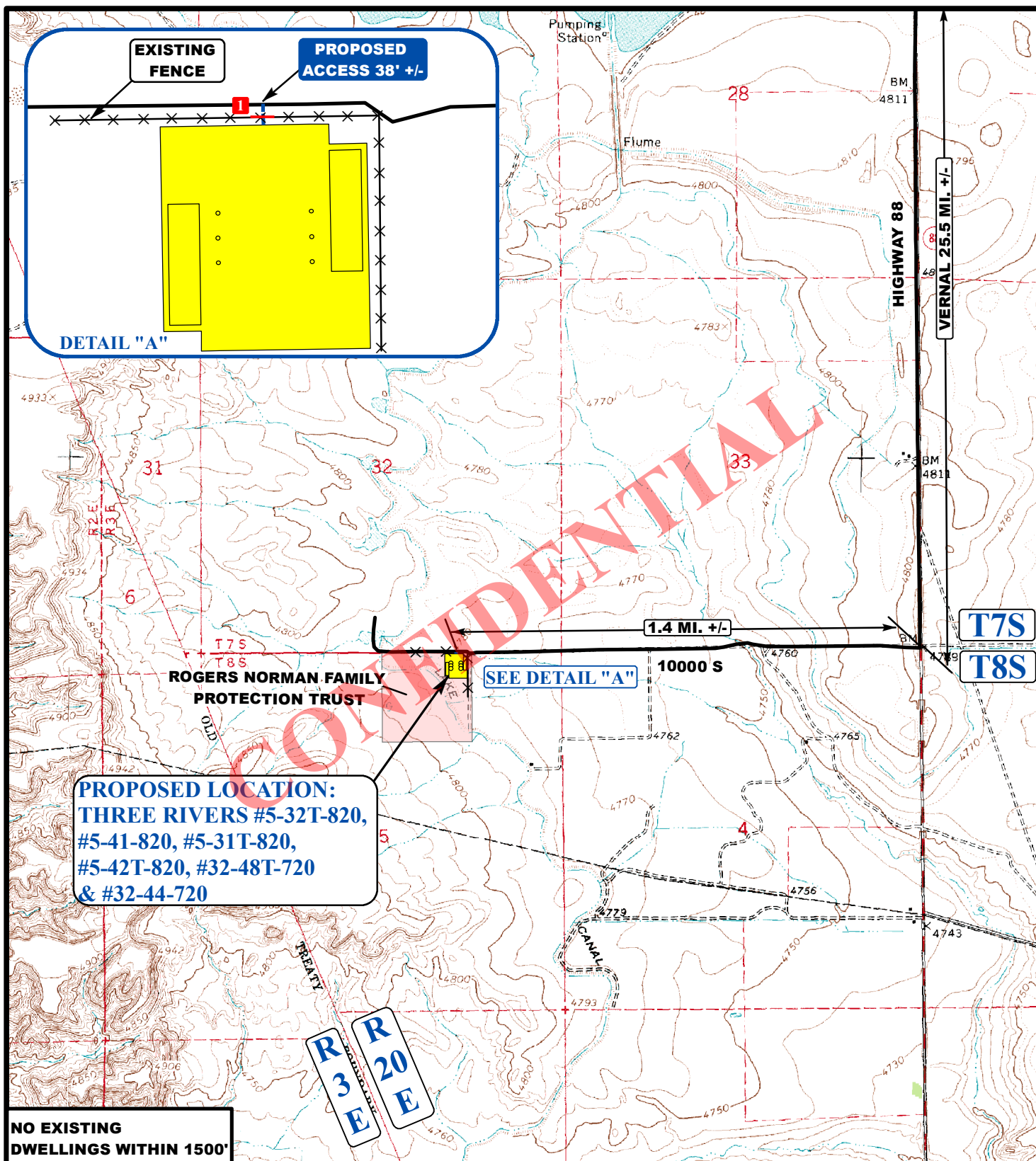
**ACCESS ROAD**  
**MAP**

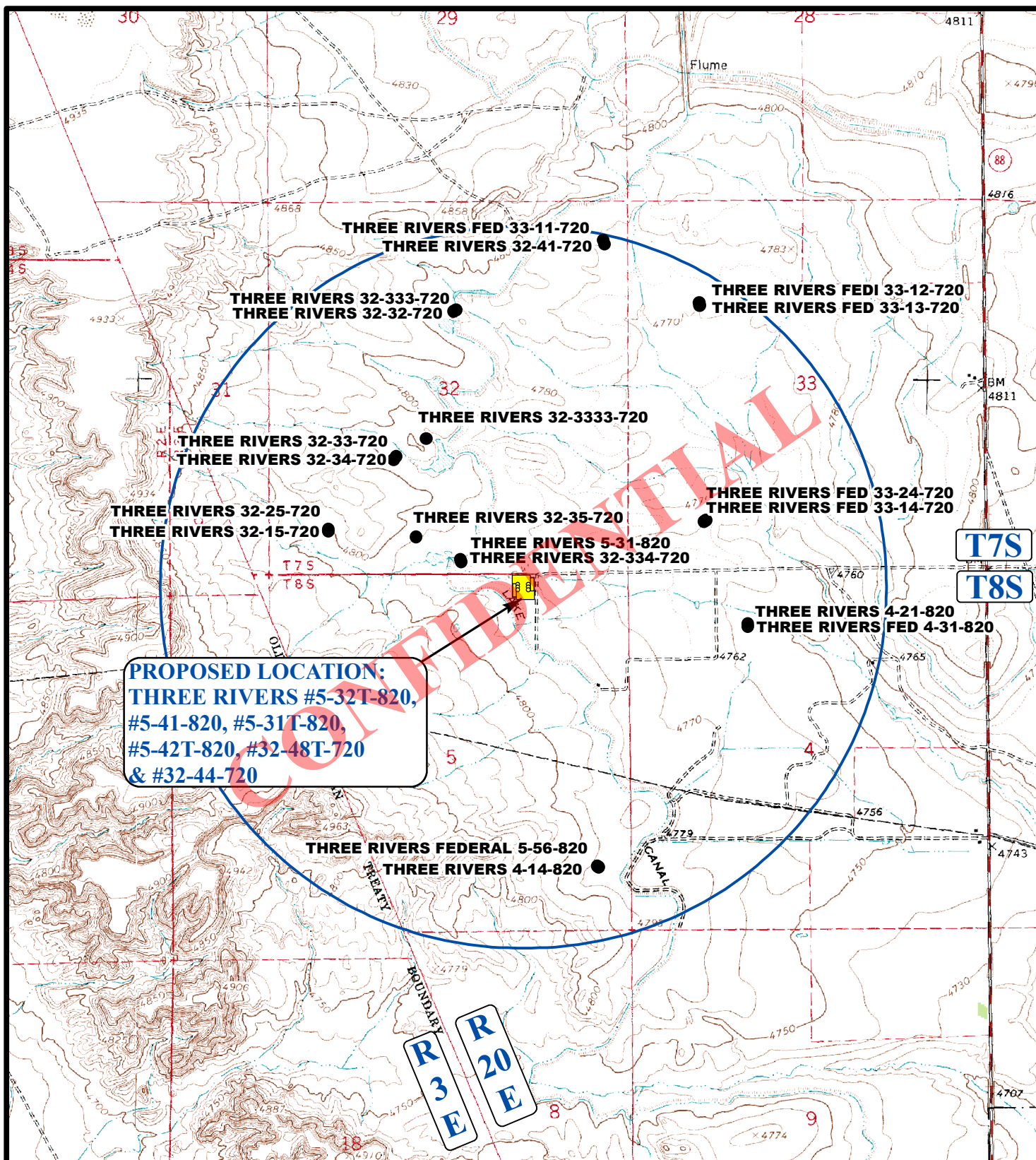
**04** **03** **14**  
 MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: L.S. REV: 04-17-14 L.S.







**LEGEND:**

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

**ULTRA RESOURCES, INC.**

**THREE RIVERS #5-32T-820, #5-41-820, #5-31T-820,**  
**#5-42T-820, #32-48T-720 & #32-44-720**  
**SECTION 5, T8S, R20E, S.L.B.&M.**  
**LOT 2**



**Utah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC**  
**MAP**

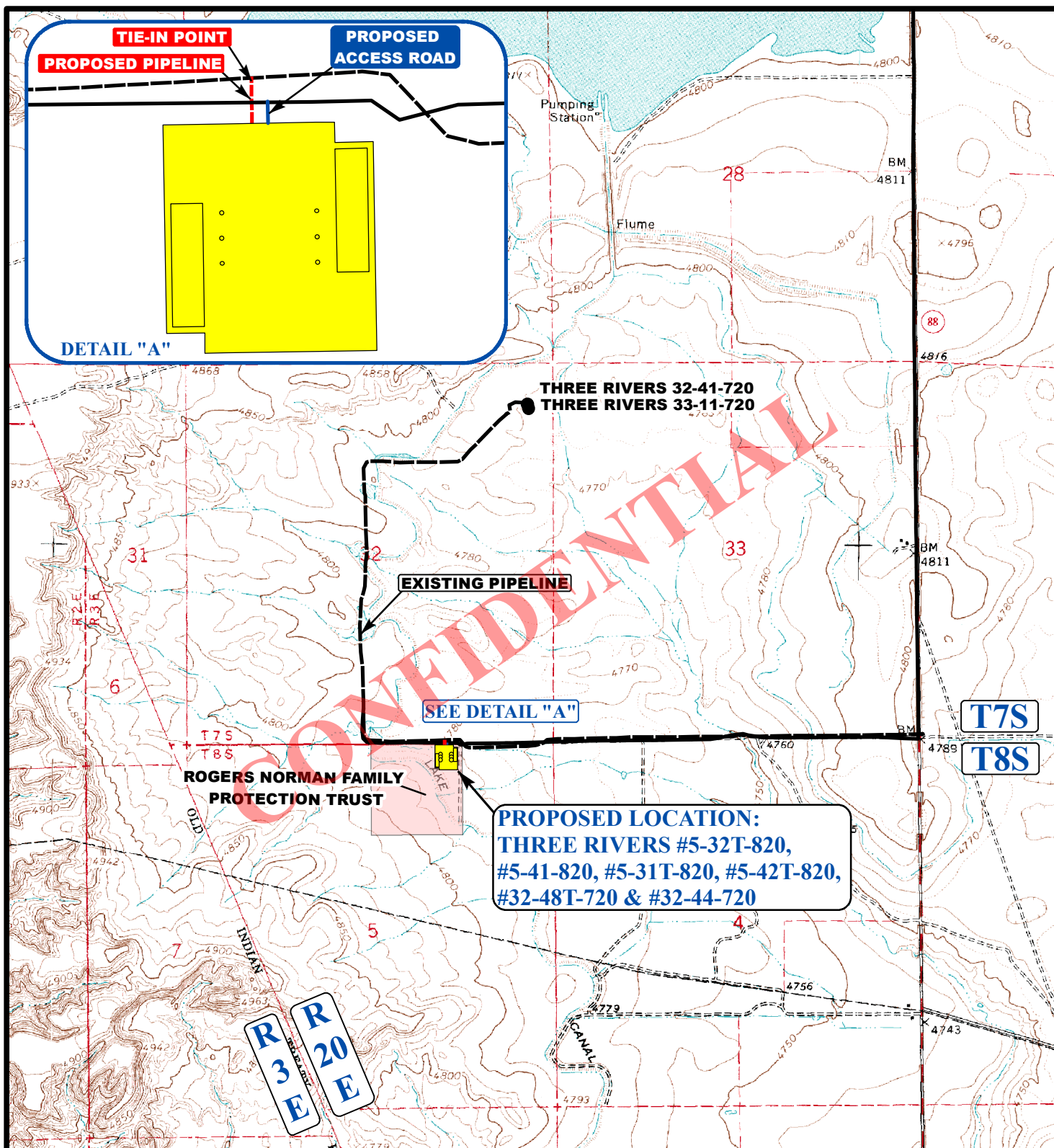
**04** **03** **14**  
 MONTH DAY YEAR

SCALE: 1"= 2000' DRAWN BY: L.S. REV: 04-17-14 L.S.



**RECEIVED: June 18, 2014**





**APPROXIMATE TOTAL PIPELINE DISTANCE = 74' +/-**

**LEGEND:**

- EXISTING ROADS
- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE



**ULTRA RESOURCES, INC.**

**THREE RIVERS #5-32T-820, #5-41-820, #5-31T-820,**  
**#5-42T-820, #32-48T-720 & #32-44-720**  
**SECTION 5, T8S, R20E, S.L.B.&M.**  
**LOT 2**



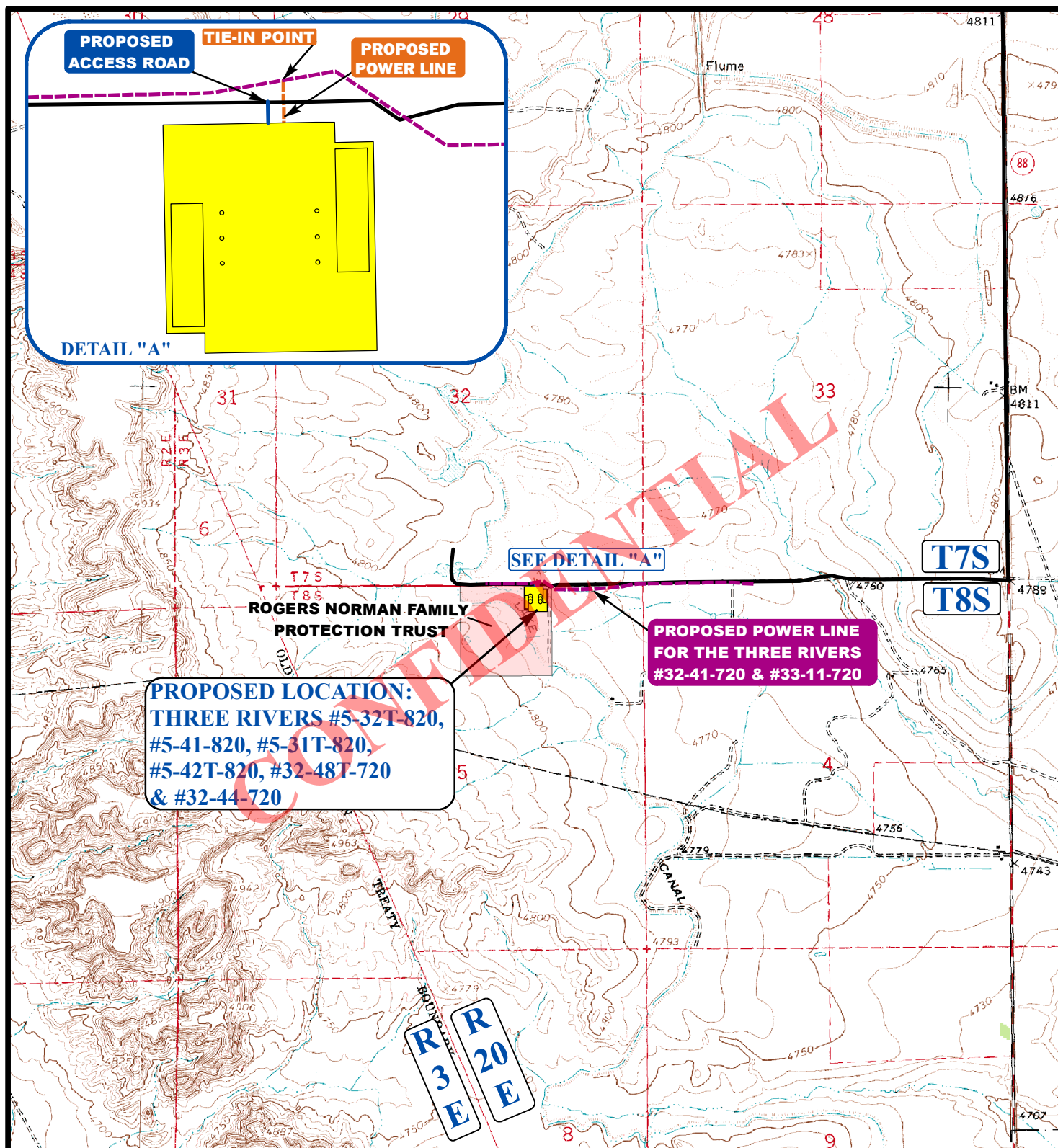
**Utah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC**  
**MAP**

**04** **03** **14**  
MONTH DAY YEAR

SCALE: 1"= 2000' DRAWN BY: L.S. REV: 04-17-14 L.S.





APPROXIMATE TOTAL POWER LINE DISTANCE = 67' +/-

# LEGEND:

- PROPOSED ACCESS ROAD
- - - - - PROPOSED POWER LINE
- - - - - PROPOSED POWER LINE (SERVICING OTHER WELLS)

# ULTRA RESOURCES, INC.

THREE RIVERS #5-32T-820, #5-41-820, #5-31T-820,  
#5-42T-820, #32-48T-720 & #32-44-720  
SECTION 5, T8S, R20E, S.L.B.&M.  
LOT 2



**Utah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC  
MAP**

**04 03 14**  
MONTH DAY YEAR

SCALE: 1"=2000' DRAWN BY: L.S. REV: 04-17-14 L.S.



RECEIVED: June 18, 2014





# ULTRA RESOURCES, INC

Location: Three Rivers Slot: Three Rivers 32-44-720 (170' FNL &amp; 1450' FEL) Sec 5

Field: UINTAH COUNTY

Well: Three Rivers 32-44-720

Facility: Sec.05-T8S-R20E

Wellbore: Three Rivers 32-44-720 PWB

## Targets

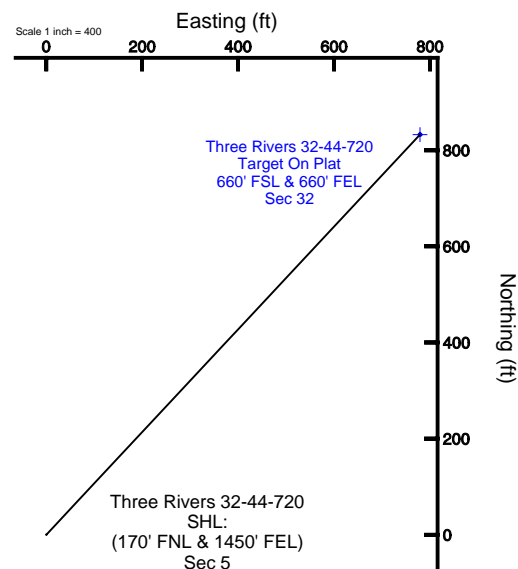
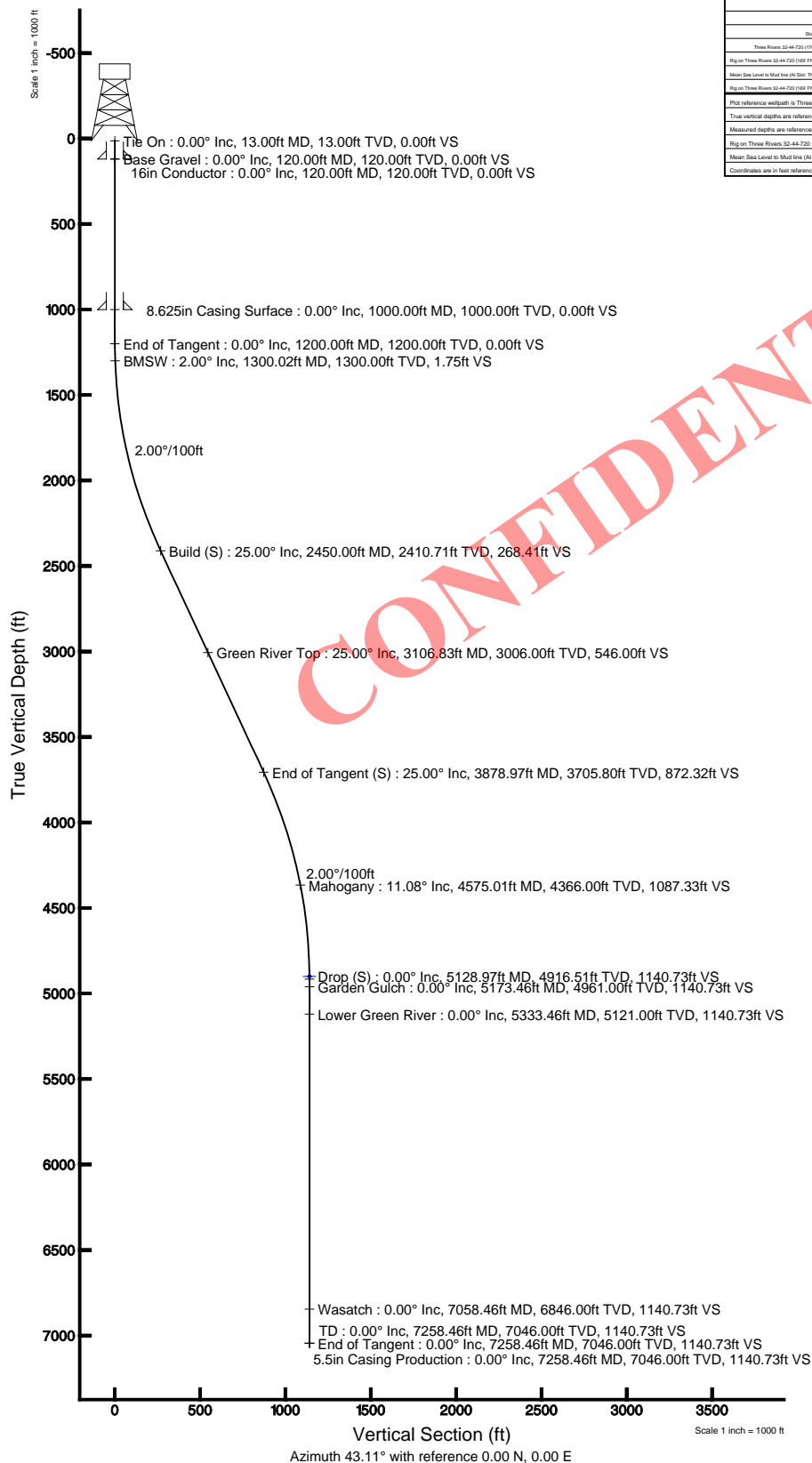
			Targets					
Name	MD (ft)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Three Rivers 32-44-720 Target On Plat 660' FSL & 660' FEL Sec 32	4200.00	832.84	779.51	2147426.17	7233365.43	47032'38.0027N	109°41'08.1307W	

## Well Profile Data

Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	13.00	0.00	43.106	13.00	0.00	0.00	0.00	0.00
End of Tangent	1200.00	0.00	43.106	1200.00	0.00	0.00	0.00	0.00
Build (S)	2450.00	25.00	43.106	2410.71	195.96	183.42	2.00	268.41
End of Tangent (S)	3878.97	25.00	43.106	3705.80	636.87	596.10	0.00	672.32
Drop (S)	5128.97	0.00	43.106	4916.51	832.84	779.51	2.00	1140.73
End of Tangent	7258.46	0.00	43.106	7046.00	832.84	779.51	0.00	1140.73

## Location Information

Facility Name	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Sec.05-T8S-R20E	2147426.17	7233365.43	47°03'38.0027N	109°41'08.1307W
Well	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)
Three Rivers 32-44-720 (170' FNL & 1450' FEL) Sec 5	4107.33	-108.76	2146713.754	7231506.110
Rig on Three Rivers 32-44-720 (169' FNL & 1600' FEL) Sec 5 (RT)			47032'	109°41'18.1307W
Mean Sea Level to Mud line (M) Dist: Three Rivers 32-44-720 (170' FNL & 1450' FEL) Sec 5			0'	
Rig on Three Rivers 32-44-720 (169' FNL & 1600' FEL) Sec 5 (RT) to Mean Sea Level			47032'	
Plot reference wellpath is Three Rivers 32-44-720 PWB				
True vertical depths are referenced to Rig on Three Rivers 32-44-720 (169' FNL & 1600' FEL) Sec 5 (RT)				
Measured depths are referenced to Rig on Three Rivers 32-44-720 (169' FNL & 1600' FEL) Sec 5 (RT)				
Rig on Three Rivers 32-44-720 (169' FNL & 1600' FEL) Sec 5 (RT) to Mean Sea Level: 4792 feet				
Mean Sea Level to Mud line (M) Dist: Three Rivers 32-44-720 (170' FNL & 1450' FEL) Sec 5: 0 feet				
Coordinates are in feet referenced to GSA				





## Planned Wellpath Report

Three Rivers 32-44-720 PWP

Page 1 of 5



### REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 32-44-720 (170' FNL & 1450' FEL) Sec 5
Area	Three Rivers	Well	Three Rivers 32-44-720
Field	UINTAH COUNTY	Wellbore	Three Rivers 32-44-720 PWB
Facility	Sec.05-T8S-R20E		

### REPORT SETUP INFORMATION

Projection System	NAD83 / Lambert Utah SP, Central Zone (4302), US feet	Software System	WellArchitect® 3.0.0
North Reference	True	User	Ewilliams
Scale	0.999915	Report Generated	7/22/2014 at 1:33:53 PM
Convergence at slot	1.16° East	Database/Source file	WellArchitectDB/Three_Rivers_32-44-720_PWB.xml

### WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	4197.53	-1035.76	2146713.75	7231508.11	40°09'29.830"N	109°41'18.170"W
Facility Reference Pt			2147834.39	7227332.84	40°08'48.350"N	109°41'04.830"W
Field Reference Pt			2156630.96	7236613.42	40°10'18.270"N	109°39'09.100"W

### WELLPATH DATUM

Calculation method	Minimum curvature	Rig on Three Rivers 32-44-720 (169' FNL & 1600' FEL) Sec 5 (RT) to Facility Vertical Datum
Horizontal Reference Pt	Slot	Rig on Three Rivers 32-44-720 (169' FNL & 1600' FEL) Sec 5 (RT) to Mean Sea Level
Vertical Reference Pt	Rig on Three Rivers 32-44-720 (169' FNL & 1600' FEL) Sec 5 (RT)	Rig on Three Rivers 32-44-720 (169' FNL & 1600' FEL) Sec 5 (RT) to Mud Line at Slot (Three Rivers 32-44-720 (170' FNL & 1450'
MD Reference Pt	Rig on Three Rivers 32-44-720 (169' FNL & 1600' FEL) Sec 5 (RT)	Section Origin
Field Vertical Reference	Mean Sea Level	Section Azimuth

CONFIDENTIAL



# Planned Wellpath Report

Three Rivers 32-44-720 PWP

Page 2 of 5



## REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 32-44-720 (170' FNL & 1450' FEL) Sec 5
Area	Three Rivers	Well	Three Rivers 32-44-720
Field	UINTAH COUNTY	Wellbore	Three Rivers 32-44-720 PWB
Facility	Sec.05-T8S-R20E		

## WELLPATH DATA (86 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
0.00†	0.000	43.106	0.00	0.00	0.00	0.00	40°09'29.830"N	109°41'18.170"W	0.00	
13.00	0.000	43.106	13.00	0.00	0.00	0.00	40°09'29.830"N	109°41'18.170"W	0.00	
113.00†	0.000	43.106	113.00	0.00	0.00	0.00	40°09'29.830"N	109°41'18.170"W	0.00	
120.00†	0.000	43.106	120.00	0.00	0.00	0.00	40°09'29.830"N	109°41'18.170"W	0.00	Base Gravel
213.00†	0.000	43.106	213.00	0.00	0.00	0.00	40°09'29.830"N	109°41'18.170"W	0.00	
313.00†	0.000	43.106	313.00	0.00	0.00	0.00	40°09'29.830"N	109°41'18.170"W	0.00	
413.00†	0.000	43.106	413.00	0.00	0.00	0.00	40°09'29.830"N	109°41'18.170"W	0.00	
513.00†	0.000	43.106	513.00	0.00	0.00	0.00	40°09'29.830"N	109°41'18.170"W	0.00	
613.00†	0.000	43.106	613.00	0.00	0.00	0.00	40°09'29.830"N	109°41'18.170"W	0.00	
713.00†	0.000	43.106	713.00	0.00	0.00	0.00	40°09'29.830"N	109°41'18.170"W	0.00	
813.00†	0.000	43.106	813.00	0.00	0.00	0.00	40°09'29.830"N	109°41'18.170"W	0.00	
913.00†	0.000	43.106	913.00	0.00	0.00	0.00	40°09'29.830"N	109°41'18.170"W	0.00	
1013.00†	0.000	43.106	1013.00	0.00	0.00	0.00	40°09'29.830"N	109°41'18.170"W	0.00	
1113.00†	0.000	43.106	1113.00	0.00	0.00	0.00	40°09'29.830"N	109°41'18.170"W	0.00	
1200.00	0.000	43.106	1200.00	0.00	0.00	0.00	40°09'29.830"N	109°41'18.170"W	0.00	
1213.00†	0.260	43.106	1213.00	0.03	0.02	0.02	40°09'29.830"N	109°41'18.170"W	2.00	
1300.02†	2.000	43.106	1300.00	1.75	1.27	1.19	40°09'29.843"N	109°41'18.155"W	2.00	BMSW
1313.00†	2.260	43.106	1312.97	2.23	1.63	1.52	40°09'29.846"N	109°41'18.150"W	2.00	
1413.00†	4.260	43.106	1412.80	7.91	5.78	5.41	40°09'29.887"N	109°41'18.100"W	2.00	
1513.00†	6.260	43.106	1512.38	17.08	12.47	11.67	40°09'29.953"N	109°41'18.020"W	2.00	
1613.00†	8.260	43.106	1611.57	29.72	21.70	20.31	40°09'30.044"N	109°41'17.908"W	2.00	
1713.00†	10.260	43.106	1710.26	45.81	33.44	31.30	40°09'30.161"N	109°41'17.767"W	2.00	
1813.00†	12.260	43.106	1808.33	65.33	47.70	44.65	40°09'30.301"N	109°41'17.595"W	2.00	
1913.00†	14.260	43.106	1905.66	88.27	64.45	60.32	40°09'30.467"N	109°41'17.393"W	2.00	
2013.00†	16.260	43.106	2002.13	114.59	83.66	78.30	40°09'30.657"N	109°41'17.161"W	2.00	
2113.00†	18.260	43.106	2097.62	144.26	105.32	98.58	40°09'30.871"N	109°41'16.900"W	2.00	
2213.00†	20.260	43.106	2192.02	177.24	129.40	121.12	40°09'31.109"N	109°41'16.610"W	2.00	
2313.00†	22.260	43.106	2285.21	213.50	155.87	145.89	40°09'31.370"N	109°41'16.291"W	2.00	
2413.00†	24.260	43.106	2377.08	252.99	184.71	172.88	40°09'31.655"N	109°41'15.943"W	2.00	
2450.00	25.000	43.106	2410.71	268.41	195.96	183.42	40°09'31.767"N	109°41'15.808"W	2.00	
2513.00†	25.000	43.106	2467.81	295.03	215.40	201.61	40°09'31.959"N	109°41'15.573"W	0.00	
2613.00†	25.000	43.106	2558.44	337.30	246.26	230.49	40°09'32.264"N	109°41'15.201"W	0.00	
2713.00†	25.000	43.106	2649.07	379.56	277.11	259.37	40°09'32.568"N	109°41'14.829"W	0.00	
2813.00†	25.000	43.106	2739.70	421.82	307.97	288.25	40°09'32.873"N	109°41'14.457"W	0.00	
2913.00†	25.000	43.106	2830.33	464.08	338.82	317.13	40°09'33.178"N	109°41'14.086"W	0.00	
3013.00†	25.000	43.106	2920.96	506.34	369.68	346.01	40°09'33.483"N	109°41'13.714"W	0.00	
3106.83†	25.000	43.106	3006.00	546.00	398.63	373.10	40°09'33.769"N	109°41'13.365"W	0.00	Green River Top
3113.00†	25.000	43.106	3014.59	548.60	400.53	374.89	40°09'33.788"N	109°41'13.342"W	0.00	
3213.00†	25.000	43.106	3102.22	590.87	431.39	403.77	40°09'34.093"N	109°41'12.970"W	0.00	
3313.00†	25.000	43.106	3192.86	633.13	462.24	432.65	40°09'34.398"N	109°41'12.598"W	0.00	
3413.00†	25.000	43.106	3283.49	675.39	493.10	461.53	40°09'34.703"N	109°41'12.226"W	0.00	
3513.00†	25.000	43.106	3374.12	717.65	523.95	490.41	40°09'35.008"N	109°41'11.854"W	0.00	
3613.00†	25.000	43.106	3464.75	759.91	554.81	519.29	40°09'35.313"N	109°41'11.482"W	0.00	
3713.00†	25.000	43.106	3555.38	802.18	585.66	548.16	40°09'35.617"N	109°41'11.110"W	0.00	
3813.00†	25.000	43.106	3646.01	844.44	616.52	577.04	40°09'35.922"N	109°41'10.738"W	0.00	



# Planned Wellpath Report

Three Rivers 32-44-720 PWP

Page 3 of 5



## REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 32-44-720 (170' FNL & 1450' FEL) Sec 5
Area	Three Rivers	Well	Three Rivers 32-44-720
Field	UINTAH COUNTY	Wellbore	Three Rivers 32-44-720 PWB
Facility	Sec.05-T8S-R20E		

## WELLPATH DATA (86 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
3878.97	25.000	43.106	3705.80	872.32	636.87	596.10	40°09'36.124"N	109°41'10.492"W	0.00	
3913.00†	24.319	43.106	3736.73	886.52	647.24	605.80	40°09'36.226"N	109°41'10.367"W	2.00	
4013.00†	22.319	43.106	3828.55	926.10	676.14	632.85	40°09'36.512"N	109°41'10.019"W	2.00	
4113.00†	20.319	43.106	3921.70	962.45	702.68	657.69	40°09'36.774"N	109°41'09.699"W	2.00	
4213.00†	18.319	43.106	4016.07	995.54	726.83	680.30	40°09'37.013"N	109°41'09.408"W	2.00	
4313.00†	16.319	43.106	4111.53	1025.30	748.57	700.64	40°09'37.227"N	109°41'09.146"W	2.00	
4413.00†	14.319	43.106	4207.97	1051.72	767.86	718.69	40°09'37.418"N	109°41'08.913"W	2.00	
4513.00†	12.319	43.106	4305.28	1074.76	784.67	734.43	40°09'37.584"N	109°41'08.711"W	2.00	
4575.01†	11.079	43.106	4366.00	1087.33	793.85	743.03	40°09'37.675"N	109°41'08.600"W	2.00	Mahogany
4613.00†	10.319	43.106	4403.33	1094.39	799.00	747.85	40°09'37.726"N	109°41'08.538"W	2.00	
4713.00†	8.319	43.106	4502.00	1110.58	810.83	758.91	40°09'37.843"N	109°41'08.395"W	2.00	
4813.00†	6.319	43.106	4601.18	1123.32	820.13	767.62	40°09'37.934"N	109°41'08.283"W	2.00	
4913.00†	4.319	43.106	4700.75	1132.59	826.89	773.95	40°09'38.001"N	109°41'08.202"W	2.00	
5013.00†	2.319	43.106	4800.57	1138.38	831.12	777.91	40°09'38.043"N	109°41'08.151"W	2.00	
5113.00†	0.319	43.106	4900.54	1140.68	832.80	779.48	40°09'38.060"N	109°41'08.130"W	2.00	
5128.97	0.000	43.106	4916.51†	1140.73	832.84	779.51	40°09'38.060"N	109°41'08.130"W	2.00	
5173.46†	0.000	43.106	4961.00	1140.73	832.84	779.51	40°09'38.060"N	109°41'08.130"W	0.00	Garden Gulch
5213.00†	0.000	43.106	5000.54	1140.73	832.84	779.51	40°09'38.060"N	109°41'08.130"W	0.00	
5313.00†	0.000	43.106	5100.54	1140.73	832.84	779.51	40°09'38.060"N	109°41'08.130"W	0.00	
5333.46†	0.000	43.106	5121.00	1140.73	832.84	779.51	40°09'38.060"N	109°41'08.130"W	0.00	Lower Green River
5413.00†	0.000	43.106	5200.54	1140.73	832.84	779.51	40°09'38.060"N	109°41'08.130"W	0.00	
5513.00†	0.000	43.106	5300.54	1140.73	832.84	779.51	40°09'38.060"N	109°41'08.130"W	0.00	
5613.00†	0.000	43.106	5400.54	1140.73	832.84	779.51	40°09'38.060"N	109°41'08.130"W	0.00	
5713.00†	0.000	43.106	5500.54	1140.73	832.84	779.51	40°09'38.060"N	109°41'08.130"W	0.00	
5813.00†	0.000	43.106	5600.54	1140.73	832.84	779.51	40°09'38.060"N	109°41'08.130"W	0.00	
5913.00†	0.000	43.106	5700.54	1140.73	832.84	779.51	40°09'38.060"N	109°41'08.130"W	0.00	
6013.00†	0.000	43.106	5800.54	1140.73	832.84	779.51	40°09'38.060"N	109°41'08.130"W	0.00	
6113.00†	0.000	43.106	5900.54	1140.73	832.84	779.51	40°09'38.060"N	109°41'08.130"W	0.00	
6213.00†	0.000	43.106	6000.54	1140.73	832.84	779.51	40°09'38.060"N	109°41'08.130"W	0.00	
6313.00†	0.000	43.106	6100.54	1140.73	832.84	779.51	40°09'38.060"N	109°41'08.130"W	0.00	
6413.00†	0.000	43.106	6200.54	1140.73	832.84	779.51	40°09'38.060"N	109°41'08.130"W	0.00	
6513.00†	0.000	43.106	6300.54	1140.73	832.84	779.51	40°09'38.060"N	109°41'08.130"W	0.00	
6613.00†	0.000	43.106	6400.54	1140.73	832.84	779.51	40°09'38.060"N	109°41'08.130"W	0.00	
6713.00†	0.000	43.106	6500.54	1140.73	832.84	779.51	40°09'38.060"N	109°41'08.130"W	0.00	
6813.00†	0.000	43.106	6600.54	1140.73	832.84	779.51	40°09'38.060"N	109°41'08.130"W	0.00	
6913.00†	0.000	43.106	6700.54	1140.73	832.84	779.51	40°09'38.060"N	109°41'08.130"W	0.00	
7013.00†	0.000	43.106	6800.54	1140.73	832.84	779.51	40°09'38.060"N	109°41'08.130"W	0.00	
7058.46†	0.000	43.106	6846.00	1140.73	832.84	779.51	40°09'38.060"N	109°41'08.130"W	0.00	Wasatch
7113.00†	0.000	43.106	6900.54	1140.73	832.84	779.51	40°09'38.060"N	109°41'08.130"W	0.00	
7213.00†	0.000	43.106	7000.54	1140.73	832.84	779.51	40°09'38.060"N	109°41'08.130"W	0.00	
7258.46	0.000	43.106	7046.00	1140.73	832.84	779.51	40°09'38.060"N	109°41'08.130"W	0.00	TD



## Planned Wellpath Report

Three Rivers 32-44-720 PWP

Page 4 of 5



### REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 32-44-720 (170' FNL & 1450' FEL) Sec 5
Area	Three Rivers	Well	Three Rivers 32-44-720
Field	UINTAH COUNTY	Wellbore	Three Rivers 32-44-720 PWB
Facility	Sec.05-T8S-R20E		

### HOLE & CASING SECTIONS - Ref Wellbore: Three Rivers 32-44-720 PWB Ref Wellpath: Three Rivers 32-44-720 PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
16in Conductor	13.00	120.00	107.00	13.00	120.00	0.00	0.00	0.00	0.00
12.25in Open Hole	13.00	1000.00	987.00	13.00	1000.00	0.00	0.00	0.00	0.00
8.625in Casing Surface	120.00	1000.00	880.00	120.00	1000.00	0.00	0.00	0.00	0.00
7.875in Open Hole	1000.00	7258.46	6258.46	1000.00	7046.00	0.00	0.00	832.84	779.51
5.5in Casing Production	13.00	7258.46	7245.46	13.00	7046.00	0.00	0.00	832.84	779.51

### TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
1) Three Rivers 32-44-720 Target On Plat 660' FSL & 660' FEL Sec 32		4900.00	832.84	779.51	2147476.17	7232356.49	40°09'38.060"N	109°41'08.130"W	point

CONFIDENTIAL



## Planned Wellpath Report

Three Rivers 32-44-720 PWP

Page 5 of 5



### REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 32-44-720 (170' FNL & 1450' FEL) Sec 5
Area	Three Rivers	Well	Three Rivers 32-44-720
Field	UINTAH COUNTY	Wellbore	Three Rivers 32-44-720 PWB
Facility	Sec.05-T8S-R20E		

### WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
120.00	0.000	43.106	120.00	Base Gravel
1300.02	2.000	43.106	1300.00	BMSW
3106.83	25.000	43.106	3006.00	Green River Top
4575.01	11.079	43.106	4366.00	Mahogany
5173.46	0.000	43.106	4961.00	Garden Gulch
5333.46	0.000	43.106	5121.00	Lower Green River
7058.46	0.000	43.106	6846.00	Wasatch
7258.46	0.000	43.106	7046.00	TD

CONFIDENTIAL

**AFFIDAVIT OF SURFACE USE AND DAMAGE SETTLEMENT AGREEMENT**

I, **Ned Higgins**, Affiant, being duly sworn, depose and say:

THAT, I am a Senior Landman, for **Ultra Resources, Inc.**, a Wyoming corporation authorized to do business in Utah (hereinafter referred to as "Ultra"), whose address is 304 Inverness Way South, Suite 295, Englewood, Colorado 80112 and that Ultra operates and manages oil and gas interests in the State of Utah including the lands in Uintah County, Utah described herein below.

**WHEREAS**, Ultra has on file, in its offices, a signed Surface Use and Damage Settlement Agreement for lands located in Uintah County as follows:

**Township 8 South, Range 20 East SLM**  
**Section 5: Lot 2**

**Landowner:** **Norman Rogers Family Protection Trust, Jean Harrison Rogers, Trustee**

**THEREFORE**, Ultra is filing this Affidavit in the Records of Uintah County, Utah to provide notice to the public and all concerned parties so that any inquiries or emergencies that may occur which require immediate notification and attention by Ultra should be directed to:

**Ultra Resources, Inc.**  
304 Inverness Way South, Suite 295  
Englewood, Colorado 80112  
**Main Phone:** 303-708-9740  
**Emergency Phone:** 1-800-770-9210

**FURTHER** Affiant sayeth not.

Subscribed and sworn to this the 15<sup>th</sup> day of May, 2014.

  
\_\_\_\_\_  
**Ned Higgins**  
**Ultra Resources, Inc. - Senior Landman**

STATE OF COLORADO )

:ss

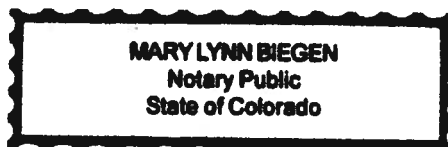
COUNTY OF DOUGLAS )

The foregoing Affidavit of Surface Use and Damage Settlement Agreement was acknowledged before me by Ned Higgins as Senior Landman of Ultra Resources, Inc., on this 15<sup>th</sup> day of May, 2014.

WITNESS my hand and official seal.

My Commission Expires:

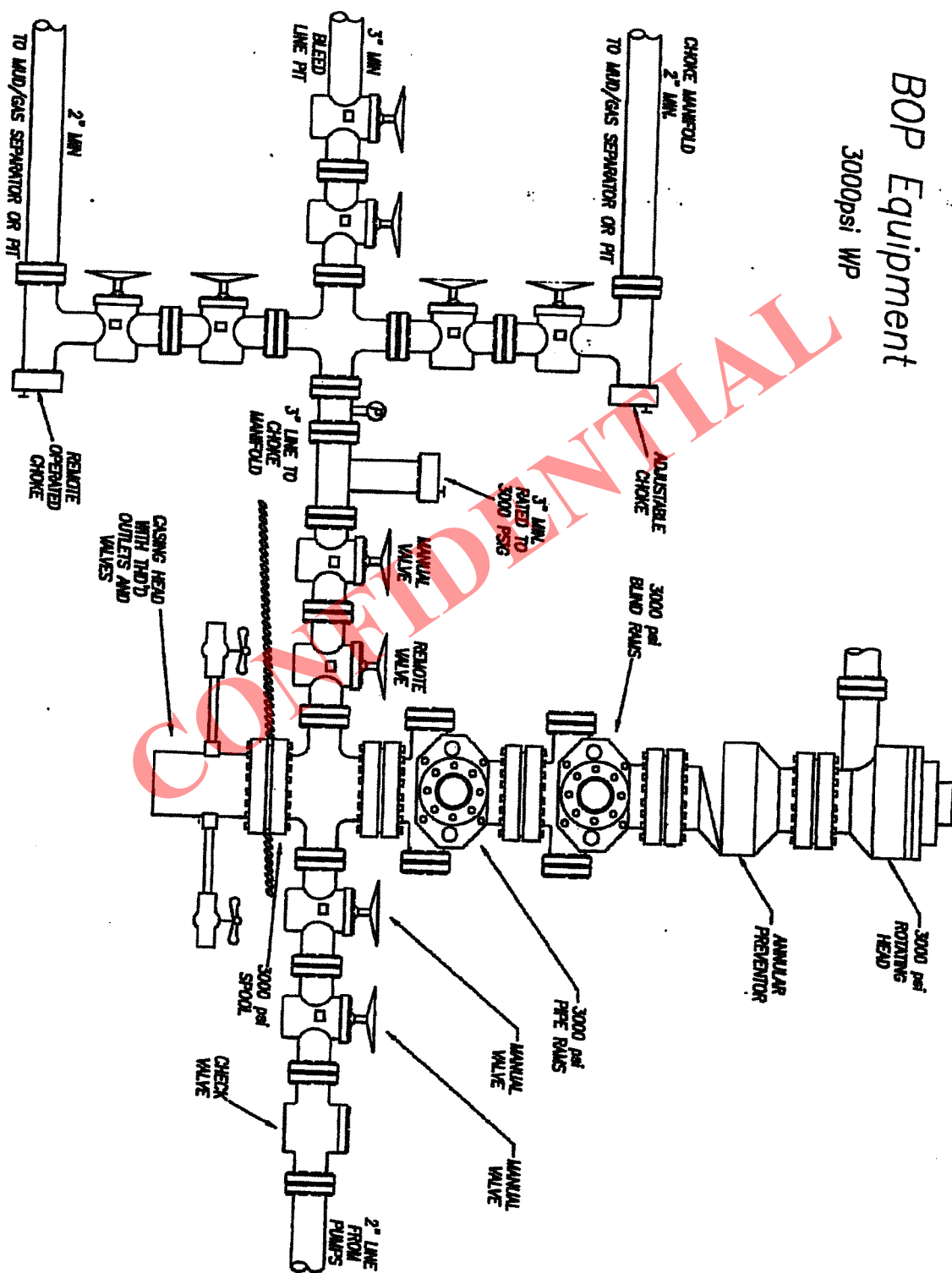
3/3/15



My Commission Expires March 3, 2015

  
\_\_\_\_\_  
NOTARY PUBLIC

# BOP Equipment 3000psi WP





# ULTRA RESOURCES, INC.

THREE RIVERS #5-32T-820, #5-41-820, #5-31T-820 #5-42T-820, #32-48T-720 & #32-44-720  
LOCATED IN UINTAH COUNTY, UTAH  
SECTION 5, T8S, R20E, S.L.B.&M.

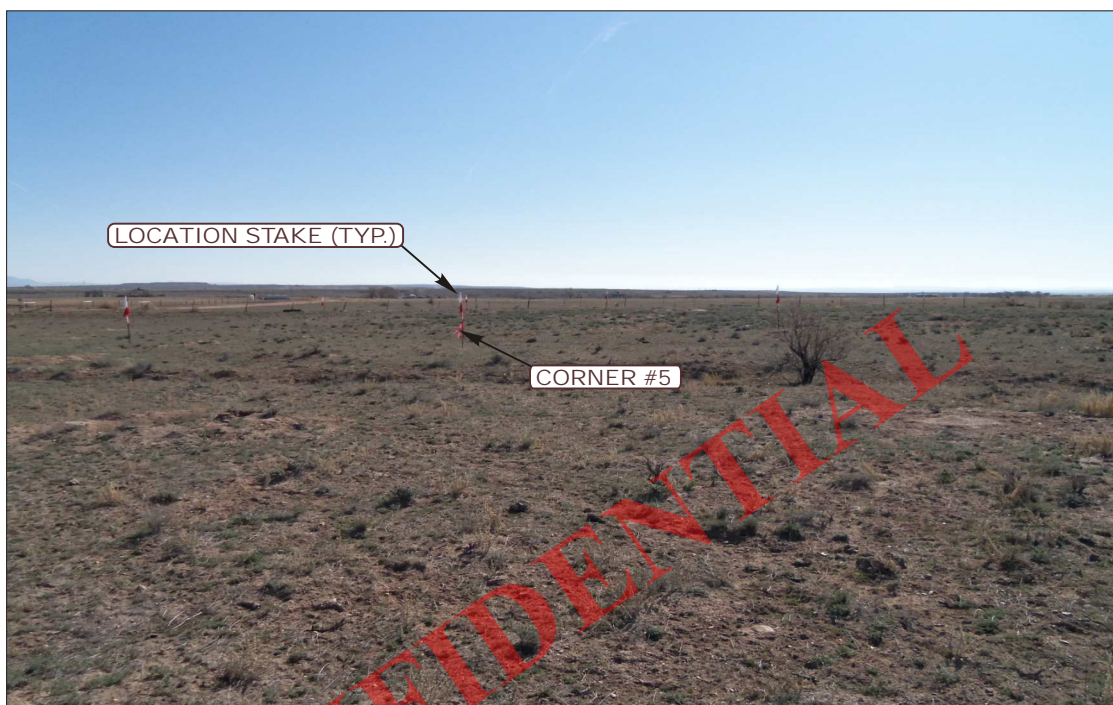


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKES

CAMERA ANGLE: EASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHERLY



- Since 1964 -



Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078  
435-789-1017 FAX (435) 789-1813

LOCATION PHOTOS

04 03 14  
MONTH DAY YEAR

PHOTO

TAKEN BY: B.H.

DRAWN BY: L.S.

REV: 04-17-14 L.S.



## ULTRA RESOURCES, INC.

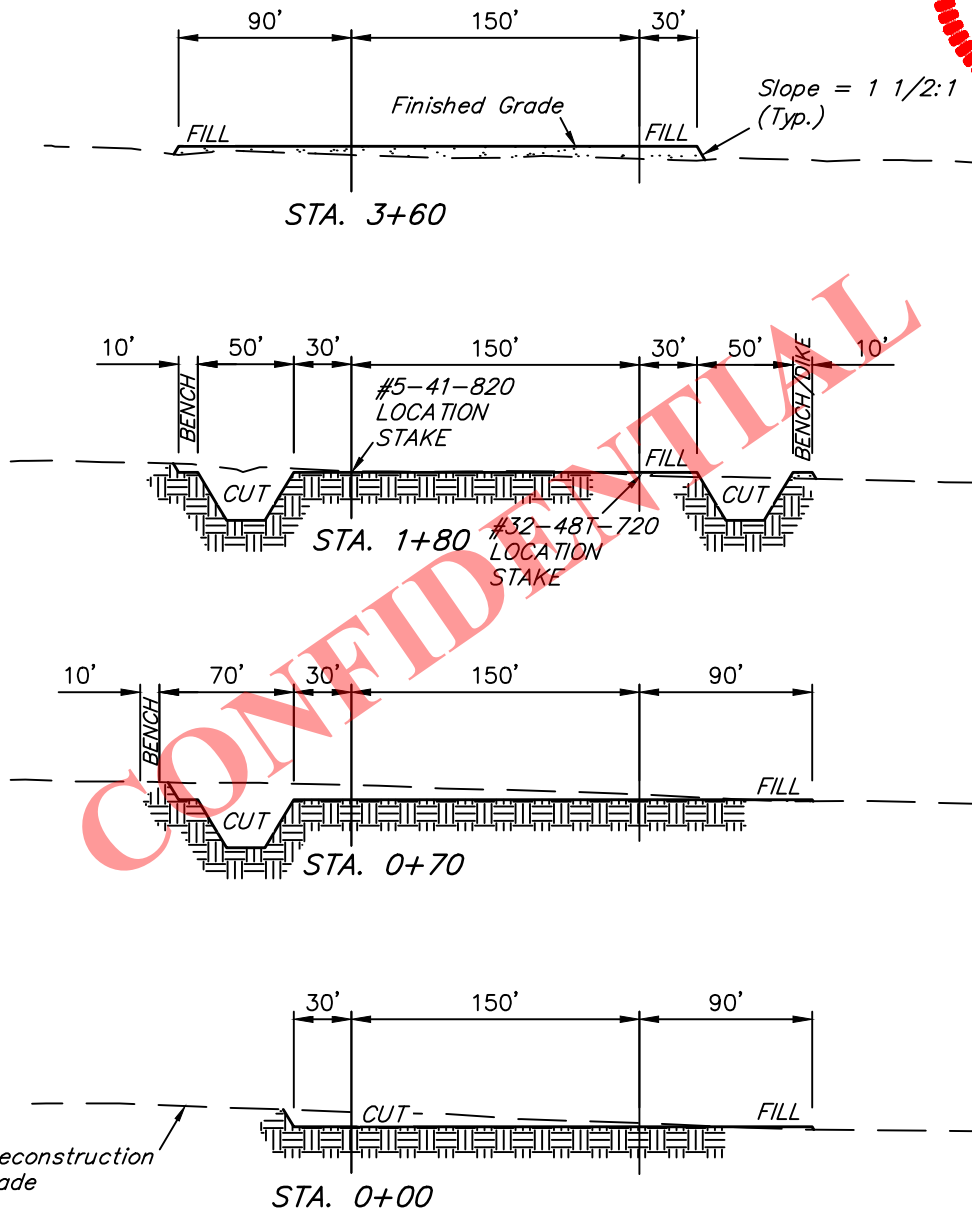
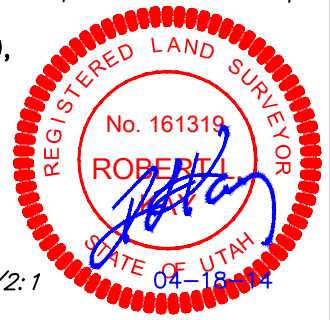
## TYPICAL CROSS SECTIONS FOR

THREE RIVERS #5-32T-820, #5-41-820, #5-31T-820,  
#5-42T-820, #32-48T-720, & #32-44-720  
SECTION 5, T8S, R20E, S.L.B.&M.  
LOT 2

FIGURE #2

X-Section  
Scale  
1" = 100'

DATE: 03-26-14  
DRAWN BY: S.S.  
REV: 04-16-14



## NOTE:

Topsoil should not be  
Stripped Below Finished  
Grade on Substructure Area.

## APPROXIMATE ACREAGE

WELL SITE DISTURBANCE =  $\pm 4.216$  ACRES  
ACCESS ROAD DISTURBANCE =  $\pm 0.006$  ACRES  
PIPELINE DISTURBANCE =  $\pm 0.031$  ACRES  
TOTAL =  $\pm 4.253$  ACRES

\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

## APPROXIMATE YARDAGES

(6") Topsoil Stripping = 2,210 Cu. Yds.  
Remaining Location = 6,020 Cu. Yds.  
TOTAL CUT = 8,230 CU. YDS.  
FILL = 3,840 CU. YDS.

EXCESS MATERIAL = 4,390 Cu. Yds.  
Topsoil & Pit Backfill = 4,390 Cu. Yds.  
(1/2 Pit Vol.)  
EXCESS UNBALANCE = 0 Cu. Yds.  
(After Interim Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

RECEIVED: June 18, 2014



ULTRA RESOURCES, INC.

## TYPICAL RIG LAYOUT FOR

THREE RIVERS #5-32T-820, #5-41-820, #5-31T-820,  
#5-42T-820, #32-48T-720, & #32-44-720  
SECTION 5, T8S, R20E, S.L.B.&M.  
LOT 2

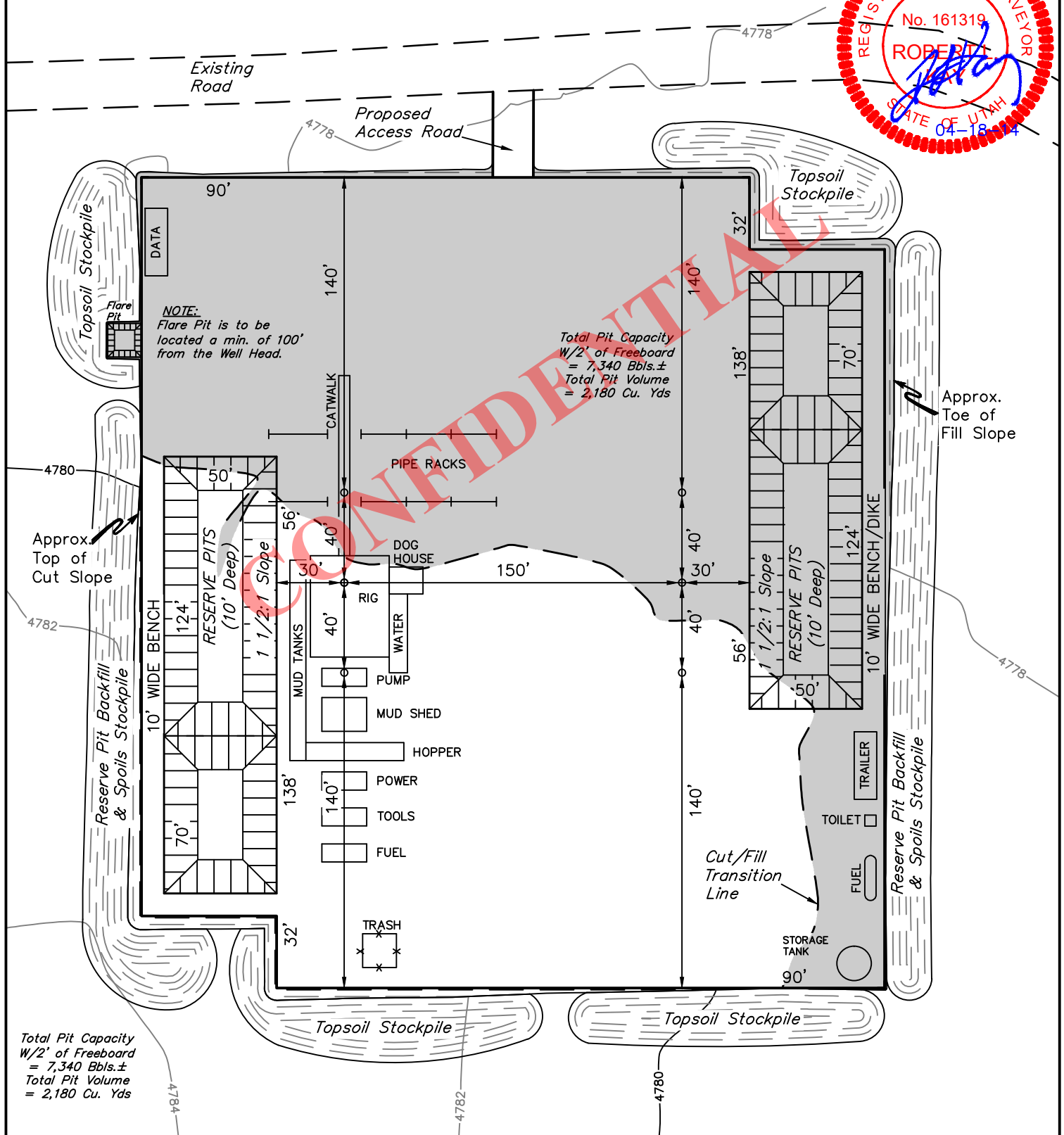
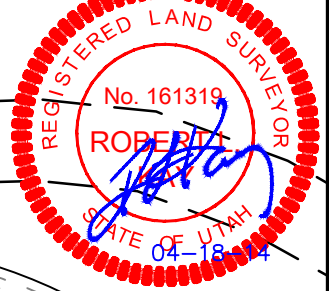
**FIGURE #3**

SCALE: 1" = 60'

DATE: 03-26-14

DRAWN BY: S.S.

REV: 04-16-14



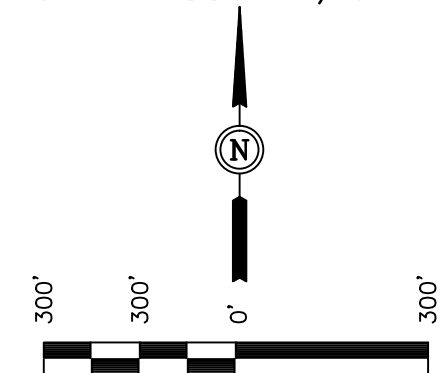
UINTAH ENGINEERING & LAND SURVEYING

85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

RECEIVED: June 18, 2014

## LOCATION SURFACE USE AREA & ROAD RIGHT-OF-WAY ON FEE LANDS

LOCATED IN  
SECTION 32, T7S, R20E, S.L.B.&M., &  
SECTION 5, T8S, R20E, S.L.B.&M.  
UINTAH COUNTY, UTAH



## BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

PROPERTY OWNER	FEET	ACRES	RODS
JOE & KENNETH BATTY	9.00	0.006	0.55

Δ = SECTION CORNERS RE-ESTABLISHED.  
(Not Set on Ground)

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME, \_\_\_\_\_, UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO  
THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

REVISÉ: 04-16-14

85 SOUTH - 200 EAST • (435) 789-1017

VERNAL, UTAH - 84078

SCALE 1" = 300'	DATE 04-07-14
PARTY B.H. J.J. S.S.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE 5 6 3 4 5

$$\frac{T7S}{T8S}$$

*1988 Brass Cap*

N 02° 52' 53" W - 1390.52' (Meas.)

$N02^{\circ}52'57''E - 1248.92'$  (Meas.)

Sec. 5

2011 Alum. Cap  
0.3' High, Steel Post

BEGINNING OF PIPELINE STA. 0+00 BEARS  
9°44'53"E 1102.81' FROM THE SOUTH 1/4  
CORNER OF SECTION 32, T7S, R20E, S.L.B.&M.

END OF PIPELINE STA. 0+44.72 BEARS  
N87°25'34"E 1103.94' FROM THE SOUTH 1/4  
CORNER OF SECTION 32, T7S, R20E, S.L.B.&M.

*Rogers Norman  
Family Protection  
Trust*

**SURFACE USE AREA**  
THREE RIVERS #5-32T-820,  
#5-41-820, #5-31T-820,  
#5-42T-820, #32-48T-720,  
& #32-44-720

*Joe & Kenneth  
Batty*

END OF PROPOSED  
PIPELINE RIGHT-OF-WAY  
STA. 0+44.72  
(At Existing Pipeline)

 $SE \quad 1/4$ 

**BEGINNING OF PROPOSED  
PIPELINE RIGHT-OF-WAY  
STA. 0+00**  
(At Edge of Surface Use Area)

*E 1/4 Cor. Sec. 32  
Re-Established Corner  
by Grant Boundary  
Method (Not Set on  
Ground)*

S89°44'53"W - 2652.38' (Meas.)

Section Line

500°45'58"E  
2743.11' (Meas.)

Section / line

W000.13'36"W - 2625.00' (Mags)

NE 1/4

1/16 Section Line

*1/4 Section Line*

2011 Alum. Cap  
0.4' High. Steel Post

2011 Alum. Cap  
0.5' High

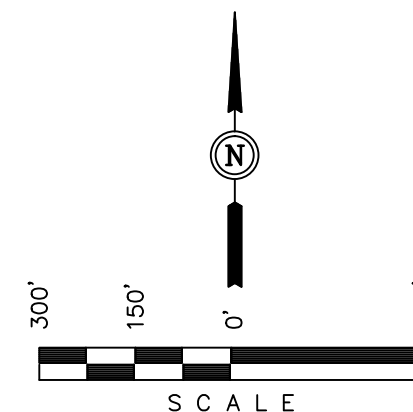
S89°30'32"W - 1327.64' (Meas.)

ULTRA RESOURCES, INC.

# PIPELINE RIGHT-OF-WAY ON FEE LANDS

(For THREE RIVERS #5-32T-820,  
#5-41-820, #5-31T-820,  
#5-42T-820, #32-48T-720 &  
#32-44-720)

LOCATED IN  
SECTION 32, T7S, R20E, S.L.B.&M.,  
UINTAH COUNTY, UTAH



## BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

### RIGHT-OF-WAY LENGTHS

PROPERTY OWNER	FEET	ACRES	RODS
JOE & KENNETH BATTY	44.72	0.031	2.71

▲ = SECTION CORNERS LOCATED.

△ = SECTION CORNERS RE-ESTABLISHED.  
(Not Set on Ground)

## CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO  
THE BEST OF MY KNOWLEDGE AND BELIEF.

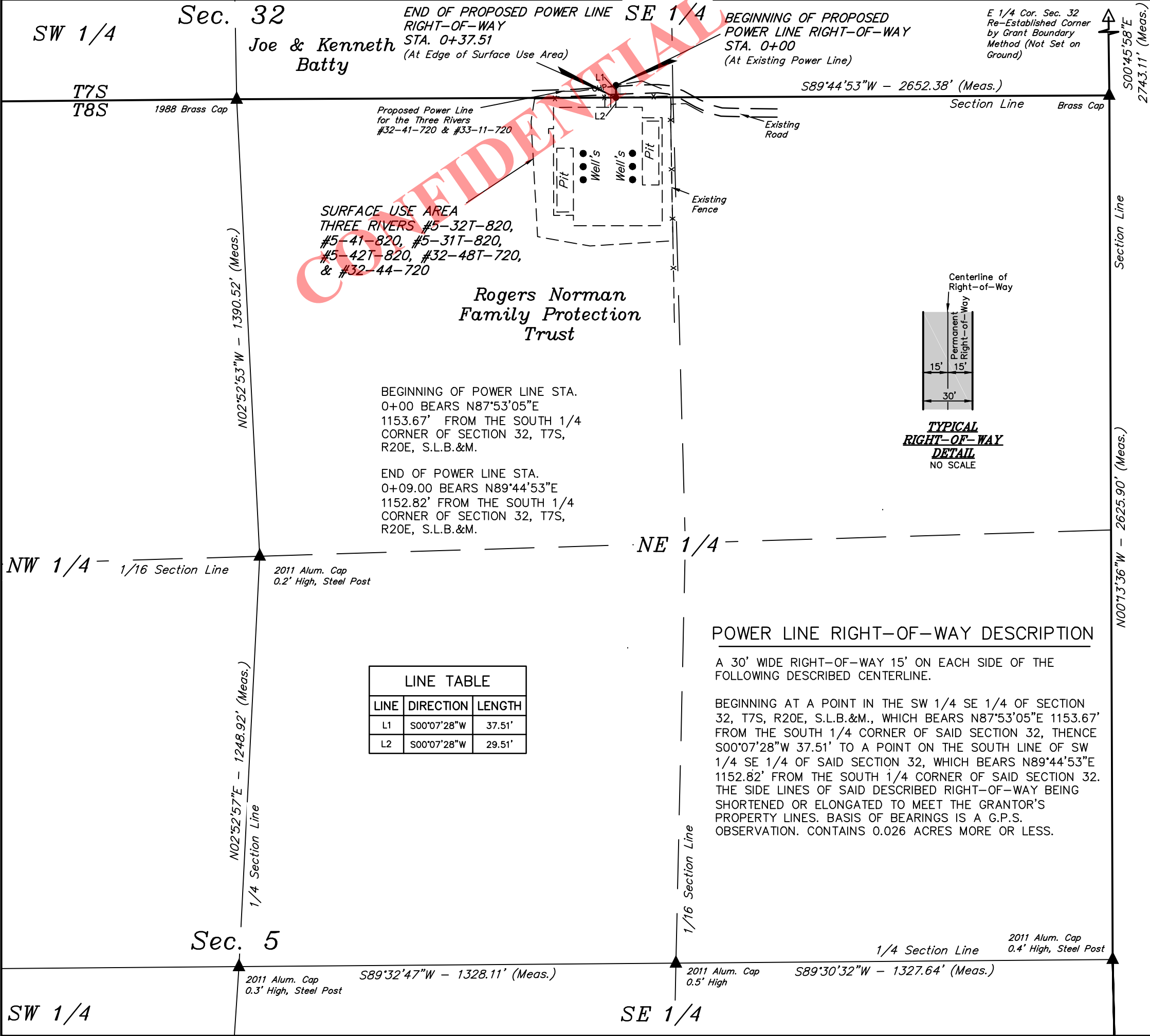
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

REVISÉ: 04-16-14

UTAH ENGINEERING & LAND SURVEYING  
 85 SOUTH - 200 EAST • (435) 789-1017  
 VERNAL, UTAH - 84078

SCALE 1" = 300'	DATE 04-07-14
PARTY B.H. J.J. S.S.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE 5 6 3 4 4

RECEIVED: June 18, 2014

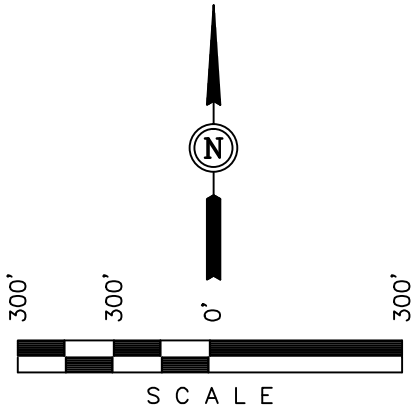


ULTRA RESOURCES, INC.

**POWER LINE RIGHT-OF-WAY ON FEE LANDS**

(For THREE RIVERS #5-32T-820, #5-41-820, #5-31T-820, #5-42T-820, #32-48T-720 & #32-44-720)

LOCATED IN SECTION 32, T7S, R20E, S.L.B.&M., & UTAH COUNTY, UTAH



**BASIS OF BEARINGS**

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

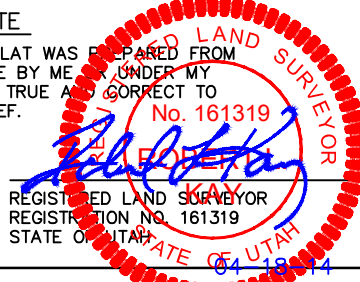
**RIGHT-OF-WAY LENGTHS**

PROPERTY OWNER	FEET	ACRES	RODS
JOE & KENNETH BATTY	37.51	0.026	2.27

- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground)

**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



REVISED: 04-16-14

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b> <b>85 SOUTH - 200 EAST • (435) 789-1017</b> <b>VERNAL, UTAH - 84078</b>	
SCALE 1" = 300'	DATE 04-07-14
PARTY B.H. J.J. S.S.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE 5 6 3 4 2

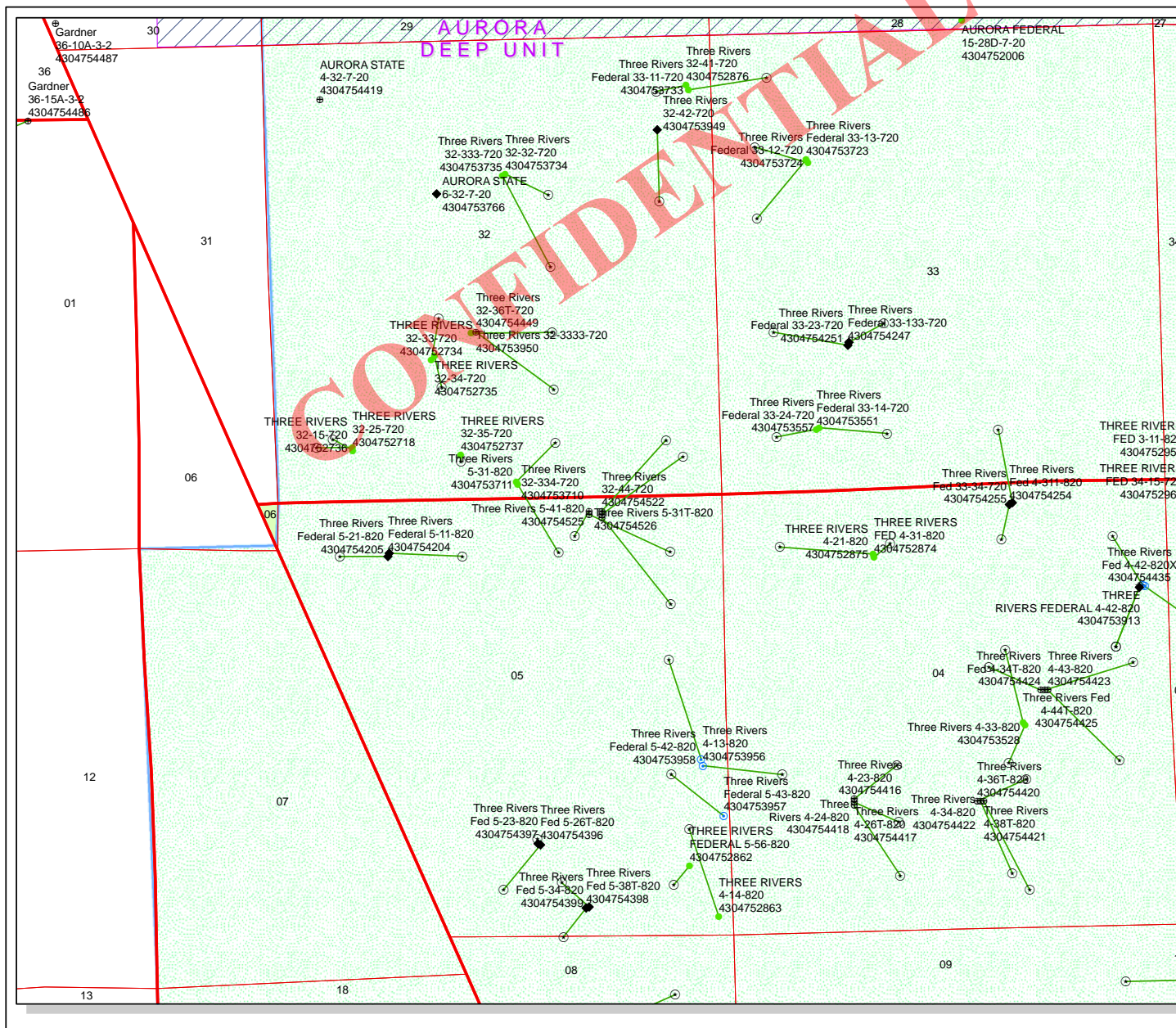
RECEIVED: June 18, 2014

ULTRA RESOURCES, INC.  
THREE RIVERS #5-32T-820, #5-41-820, #5-31T-820,  
#5-42T-820, #32-48T-720  
& #32-44-720  
SECTION 5, T8S, R20E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF THIS ROAD AND STATE HIGHWAY 88 TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 11.5 MILES TO THE JUNCTION OF THIS ROAD AND 10000 S TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 1.4 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTH; FOLLOW ROAD FLAGS IN A SOUTHERLY DIRECTION APPROXIMATELY 38' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 26.9 MILES.





API Number: 4304754522

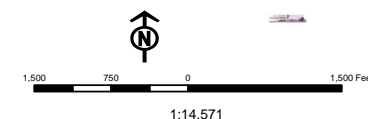
Well Name: Three Rivers 32-44-720

Township: T08.0S Range: R20.0E Section: 05 Meridian: S

Operator: ULTRA RESOURCES INC

Map Prepared: 6/19/2014  
Map Produced by Diana Mason

Wells Query		Units	
Status		STATUS	
APD - Approved Permit		ACTIVE	
DRL - Spudded (Drilling Commenced)		EXPLORATORY	
GRW - Gas Injection		GAS STORAGE	
GS - Gas Storage		NF PP OIL	
LOC - New Location		NF SECONDARY	
OPS - Operation Suspended		PI OIL	
PA - Plugged Abandoned		PP GAS	
PGW - Producing Gas Well		PP GEOTHERMAL	
POW - Producing Oil Well		PP OIL	
SGW - Shut-in Gas Well		SECONDARY	
SOW - Shut-in Oil Well		TERMINATED	
TA - Temp. Abandoned			
TW - Test Well		Fields	
WOW - Water Disposal		STATUS	
WW - Water Injection Well		Unknown	
WSW - Water Supply Well		ABANDONED	
		ACTIVE	
		COMBINED	
		INACTIVE	
		STORAGE	
		TERMINATED	



Well Name	ULTRA RESOURCES INC Three Rivers 32-44-720 43047545220000			
String	Surf	Prod		
Casing Size(")	8.625	5.500		
Setting Depth (TVD)	1000	7046		
Previous Shoe Setting Depth (TVD)	0	1000		
Max Mud Weight (ppg)	8.8	10.0		
BOPE Proposed (psi)	500	3000		
Casing Internal Yield (psi)	2950	5320		
Operators Max Anticipated Pressure (psi)	3650	10.0		

Calculations	Surf String	8.625	"
Max BHP (psi)	.052*Setting Depth*MW=	458	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	338	YES <input type="checkbox"/> diverter with rotating head
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	238	YES <input type="checkbox"/> OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	238	NO <input type="checkbox"/>
Required Casing/BOPE Test Pressure=		1000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

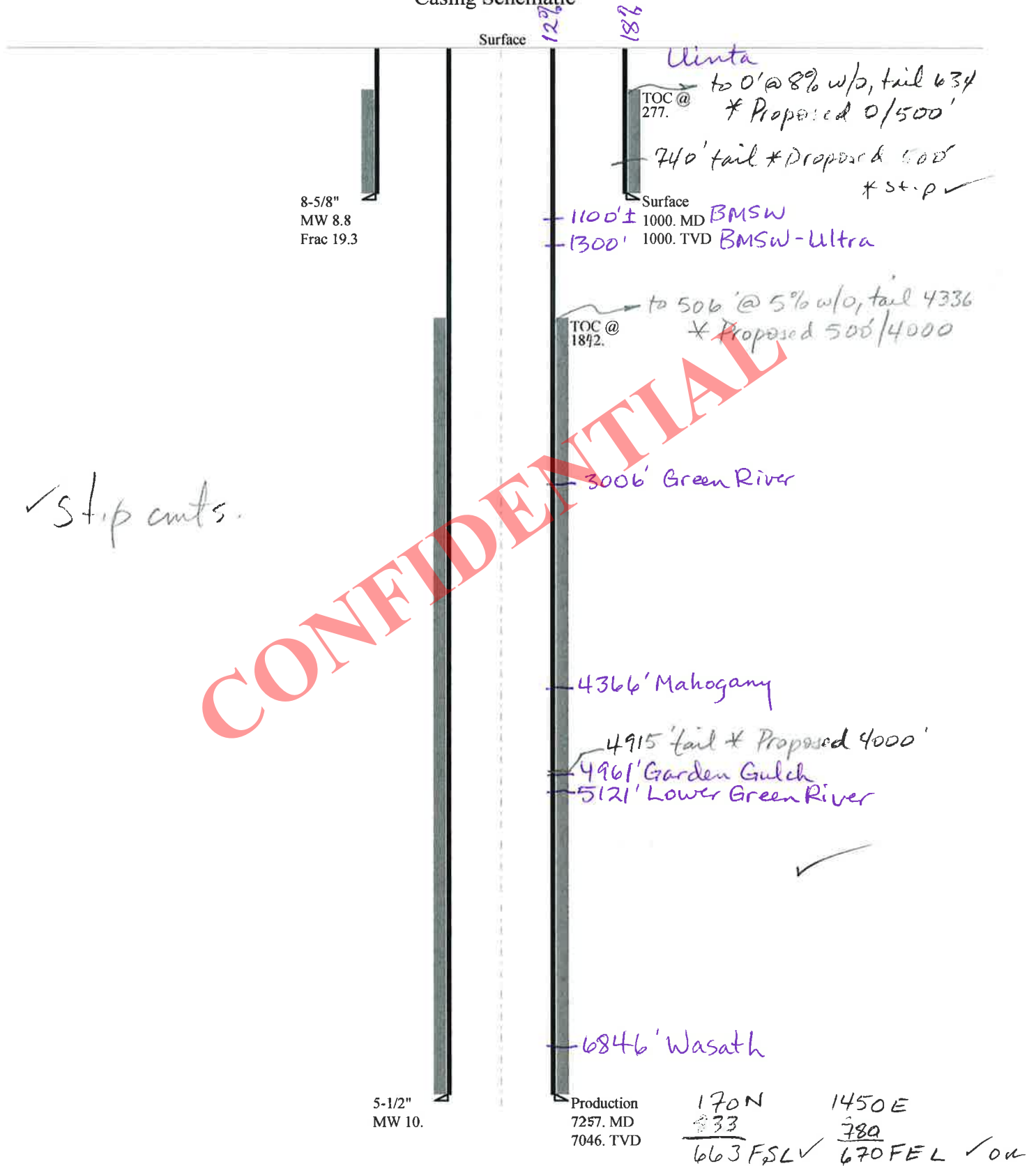
Calculations	Prod String	5.500	"
Max BHP (psi)	.052*Setting Depth*MW=	3664	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	2818	YES <input type="checkbox"/> 3M BOP, dbl ram, annular with diverter and rotating
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2114	YES <input type="checkbox"/> head
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	2334	NO <input type="checkbox"/> OK
Required Casing/BOPE Test Pressure=		3000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		1000	psi *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO <input type="checkbox"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO <input type="checkbox"/>
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO <input type="checkbox"/>
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO <input type="checkbox"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO <input type="checkbox"/>
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO <input type="checkbox"/>
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

## 43047545220000 Three Rivers 32-44-820

## Casing Schematic



SE SE Sec 32-75-20E



Well name:	<b>43047545220000 Three Rivers 32-44-820</b>	
Operator:	<b>ULTRA RESOURCES INC</b>	
String type:	Surface	Project ID: 43-047-54522
Location:	UINTAH COUNTY	

**Design parameters:****Collapse**

Mud weight: 8.800 ppg  
Design is based on evacuated pipe.

**Minimum design factors:****Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 74 °F  
Bottom hole temperature: 88 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 100 ft

Cement top: 277 ft

**Burst**

Max anticipated surface pressure: 880 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP 1,000 psi  
  
Annular backup: 1.50 ppg

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.70 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Tension is based on buoyed weight.  
Neutral point: 868 ft

**Non-directional string.****Re subsequent strings:**

Next setting depth: 7,046 ft  
Next mud weight: 10.000 ppg  
Next setting BHP: 3,660 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 1,000 ft  
Injection pressure: 1,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	1000	8.625	24.00	J-55	ST&C	1000	1000	7.972	5148

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	457	1370	2.997	922	2950	3.20	20.8	244	11.71 J

Prepared Helen Sadik-Macdonald  
by: Div of Oil, Gas & Mining

Phone: 801 538-5357  
FAX: 801-359-3940

Date: July 22, 2014  
Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 1000 ft, a mud weight of 8.8 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	<b>43047545220000 Three Rivers 32-44-820</b>	
Operator:	<b>ULTRA RESOURCES INC</b>	
String type:	Production	Project ID: 43-047-54522
Location:	UINTAH COUNTY	

**Design parameters:****Collapse**

Mud weight: 10.000 ppg  
Design is based on evacuated pipe.

**Minimum design factors:****Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 74 °F  
Bottom hole temperature: 173 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,000 ft

Cement top: 1,843 ft

**Burst**

Max anticipated surface pressure: 2,110 psi  
Internal gradient: 0.220 psi/ft  
Calculated BHP 3,660 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.60 (B)

**Directional well information:**

Kick-off point 1200 ft  
Departure at shoe: 1141 ft  
Maximum dogleg: 2 °/100ft  
Inclination at shoe: 0 °

Tension is based on buoyed weight.

Neutral point: 6,190 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	7258	5.5	17.00	J-55	LT&C	7046	7258	4.767	28119
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	3660	4910	1.342	3660	5320	1.45	101.6	247	2.43 J

Prepared Helen Sadik-Macdonald  
by: Div of Oil, Gas & Mining

Phone: 801 538-5357  
FAX: 801-359-3940

Date: July 22, 2014  
Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 7046 ft, a mud weight of 10 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

# **ON-SITE PREDRILL EVALUATION**

## **Utah Division of Oil, Gas and Mining**

**Operator** ULTRA RESOURCES INC  
**Well Name** Three Rivers 32-44-720  
**API Number** 43047545220000 **APD No** 9900 **Field/Unit** THREE RIVERS  
**Location: 1/4,1/4 NWNE Sec 5 Tw 8.0S Rng 20.0E 170 FNL 1450 FEL**  
**GPS Coord (UTM)** 611682 4446141 **Surface Owner** Jean Harrison Rogers

### **Participants**

John Busch (ULTRA), Jim Burns (permit contractor), Ben Williams (DWR), Jim Davis (SITLA), Martin Pierce (surveyor), Richard Powell (UDOGM)

### **Regional/Local Setting & Topography**

This proposed well site is in the farmland surrounding Pelican Lake. Pelican Lake sits at the bottom of a sort of large shallow bowl. Immediately around the lake lies mostly irrigated crop land. Most of the farm fields are watered with large circular pivot irrigation systems and the wells scattered throughout these farm fields are generally placed in the corners of these fields out of reach of the irrigation sprinklers on land that is usually abandoned from farming operations. This site has been used for cattle grazing. There is an abandoned canal to the south and west and farm fields to the north and east. Pelican Lake is approximately 1.5 miles to the north and Highway 88 is about 1 mile to the east.

### **Surface Use Plan**

**Current Surface Use**  
Agricultural

<b>New Road Miles</b>	<b>Well Pad</b>	<b>Src Const Material</b>	<b>Surface Formation</b>
0.01	<b>Width 330 Length 360</b>	Offsite	UNTA

**Ancillary Facilities** N

**Waste Management Plan Adequate?** Y

### **Environmental Parameters**

**Affected Floodplains and/or Wetlands** N

#### **Flora / Fauna**

Very sparse vegetation, some grease wood, rabbit brush, salt brush

#### **Soil Type and Characteristics**

Sandy clay loam with some gravel on surface

**Erosion Issues** N

**Sedimentation Issues** N

**Site Stability Issues** N

**Drainage Diversion Required?** N

**Berm Required? Y**

Farm fields nearby

**Erosion Sedimentation Control Required? N**

**Paleo Survey Run? N    Paleo Potential Observed? N    Cultural Survey Run? N    Cultural Resources? N**

**Reserve Pit****Site-Specific Factors****Site Ranking**

<b>Distance to Groundwater (feet)</b>	25 to 75	15
<b>Distance to Surface Water (feet)</b>	>1000	0
<b>Dist. Nearest Municipal Well (ft)</b>	>5280	0
<b>Distance to Other Wells (feet)</b>		20
<b>Native Soil Type</b>	Mod permeability	10
<b>Fluid Type</b>	Fresh Water	5
<b>Drill Cuttings</b>	Normal Rock	0
<b>Annual Precipitation (inches)</b>		0
<b>Affected Populations</b>		
<b>Presence Nearby Utility Conduits</b>	Not Present	0
<b>Final Score</b>		50    1 Sensitivity Level

**Characteristics / Requirements**

There are two proposed reserve pits for this location. One pit to serve drilling 3 wells on the east side of the location and another pit for the 3 on the west.

The reserve pits as proposed are 200ft x 50ft x 10ft deep and are to be placed in cut stable locations. These pits will require 20 mil liners and felt subliners. The pits are meant to be used for 3 wells each.

**Closed Loop Mud Required? N    Liner Required? Y    Liner Thickness 20    Pit Underlayment Required? Y**

**Other Observations / Comments**

Richard Powell  
Evaluator

7/1/2014  
Date / Time

# Application for Permit to Drill

## Statement of Basis

### Utah Division of Oil, Gas and Mining

<b>APD No</b>	<b>API WellNo</b>	<b>Status</b>	<b>Well Type</b>	<b>Surf Owner</b>	<b>CBM</b>
9900	43047545220000	LOCKED	OW	P	No
<b>Operator</b>	ULTRA RESOURCES INC		<b>Surface Owner-APD</b>	Jean Harrison Rogers	
<b>Well Name</b>	Three Rivers 32-44-720		<b>Unit</b>		
<b>Field</b>	THREE RIVERS		<b>Type of Work</b>	DRILL	
<b>Location</b>	NWNE 5 8S 20E S 170 FNL (UTM) 611707E 4446151N		1450 FEL GPS Coord		

#### Geologic Statement of Basis

Ultra proposes to set 1,000 feet of surface pipe, cemented to surface. The depth to the base of the moderately saline water at this location is estimated to be at approximately 1,100 feet. A search of Division of Water Rights records shows 5 water wells within a 10,000 foot radius of the center of Section 5. Well uses are listed for irrigation, domestic, oil exploration and stock watering. Depth ranges from 80 to 150 feet. Listed wells probably produce from the Uinta Formation. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement program should adequately protect ground water in this area.

Brad Hill  
APD Evaluator

7/8/2014  
Date / Time

#### Surface Statement of Basis

This proposed six well pad is on fee surface with fee minerals. Attempts were made beginning two weeks prior to this onsite inspection to contact surface owner Jean Harrison Rogers by phone. Messages were left on her voice mail twice but there was no response. This proposed location lies on a flat sparsely vegetated area. It is evident that cattle are grazed here at times. There is an abandoned canal to the south and west and across an existing oil well access road to the north and east are irrigated crop fields. Two reserve pits are proposed, each of which are to serve the drilling of three wells. One pit is on the east and the other on the west side of the location. According to John Busch of Ultra Resources each pit will be equipped with a 20 mil liner and felt subliner. This liner program appears adequate for this location. This appears to be a good site for placement of this well pad.

Richard Powell  
Onsite Evaluator

7/1/2014  
Date / Time

#### Conditions of Approval / Application for Permit to Drill

<b>Category</b>	<b>Condition</b>
Pits	A synthetic liner with a minimum thickness of 20 mils with a felt subliner shall be properly installed and maintained in both reserve pits.
Surface	The well site shall be bermed to prevent fluids from entering or leaving the pad.
Surface	Measures (BMP's) shall be taken to protect steep slopes and topsoil pile from erosion, sedimentation and stability issues.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The reserve pits shall be fenced upon completion of drilling operations.

RECEIVED: July 30, 2014



## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 6/18/2014

API NO. ASSIGNED: 43047545220000

WELL NAME: Three Rivers 32-44-720

OPERATOR: ULTRA RESOURCES INC (N4045)

PHONE NUMBER: 303 645-9872

CONTACT: Katherine Skinner

PROPOSED LOCATION: NWN 05 080S 200E

Permit Tech Review: ☒

SURFACE: 0170 FNL 1450 FEL

Engineering Review: ☒

BOTTOM: 0660 FSL 0660 FEL

Geology Review: ☒

COUNTY: UINTAH

LATITUDE: 40.15829

LONGITUDE: -109.68833

UTM SURF EASTINGS: 611707.00

NORTHINGS: 4446151.00

FIELD NAME: THREE RIVERS

LEASE TYPE: 4 - Fee

LEASE NUMBER: FEE

PROPOSED PRODUCING FORMATION(S): GREEN RIVER - LOWER

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

## RECEIVED AND/OR REVIEWED:

- ☒ PLAT
- ☒ Bond: STATE - 022046398
- ☐ Potash
- ☐ Oil Shale 190-5
- ☐ Oil Shale 190-3
- ☐ Oil Shale 190-13
- ☒ Water Permit: 49-2262
- ☐ RDCC Review:
- ☐ Fee Surface Agreement
- ☐ Intent to Commingle

Commingling Approved

## LOCATION AND SITING:

- ☐ R649-2-3.
- Unit:
- ☐ R649-3-2. General
- ☐ R649-3-3. Exception
- ☒ Drilling Unit
- Board Cause No: Cause 270-02
- Effective Date: 11/9/2013
- Siting: 2 Wells Per 40 Acres
- ☒ R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 5 - Statement of Basis - bhill  
12 - Cement Volume (3) - hmadonald  
15 - Directional - dmason  
25 - Surface Casing - hmadonald

RECEIVED: July 30, 2014



GARY R. HERBERT  
*Governor*

SPENCER J. COX  
*Lieutenant Governor*

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

## Permit To Drill

\*\*\*\*\*

**Well Name:** Three Rivers 32-44-720

**API Well Number:** 43047545220000

**Lease Number:** FEE

**Surface Owner:** FEE (PRIVATE)

**Approval Date:** 7/30/2014

### Issued to:

ULTRA RESOURCES INC, 304 Inverness Way South #295, Englewood, CO 80112

### Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 270-02. The expected producing formation or pool is the GREEN RIVER - LOWER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

### Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

### General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

### Conditions of Approval:

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Cement volume for the 5 1/2" production string shall be determined from actual hole diameter in order to place lead cement from the pipe setting depth back to 500' MD and tail cement to 4000' as indicated in the submitted drilling plan.

Surface casing shall be cemented to the surface.

### Additional Approvals:

The operator is required to obtain approval from the Division of Oil, Gas and

mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan - contact Dustin Doucet
- Significant plug back of the well - contact Dustin Doucet
- Plug and abandonment of the well - contact Dustin Doucet

#### **Notification Requirements:**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels  
OR  
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website  
at <http://oilgas.ogm.utah.gov>
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing - contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program
  - contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well - contact Dan Jarvis

#### **Contact Information:**

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office  
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office  
801-231-8956 - after office hours

#### **Reporting Requirements:**

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

**Approved By:**

**Approved By:**

A handwritten signature in black ink, appearing to read 'J. Rogers', written in a cursive style.

For John Rogers  
Associate Director, Oil & Gas

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> FEE
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> ULTRA RESOURCES INC		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 304 Inverness Way South #295, Englewood, CO, 80112		<b>8. WELL NAME and NUMBER:</b> Three Rivers 32-44-720
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0170 FNL 1450 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 05 Township: 08.0S Range: 20.0E Meridian: S		<b>9. API NUMBER:</b> 43047545220000
<b>PHONE NUMBER:</b> 303 645-9809 Ext		<b>9. FIELD and POOL or WILDCAT:</b> THREE RIVERS
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 9/7/2014	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER	
	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 60%;">           Ultra Resources will be moving ProPetro to spud the Three Rivers 32-44-820 (API #43-047-54522) on 9/7/2014.         </div> <div style="width: 35%; text-align: center;"> <b>Accepted by the            Utah Division of            Oil, Gas and Mining            FOR RECORD ONLY            September 09, 2014</b> </div> </div>		
<b>NAME (PLEASE PRINT)</b> Jenna Anderson	<b>PHONE NUMBER</b> 303 645-9804	<b>TITLE</b> Permitting Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/8/2014	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: Three Rivers 32-44-720
2. NAME OF OPERATOR: ULTRA RESOURCES INC		9. API NUMBER: 43047545220000
3. ADDRESS OF OPERATOR: 304 Inverness Way South #295, Englewood, CO, 80112		9. FIELD and POOL or WILDCAT: THREE RIVERS
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0170 FNL 1450 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 05 Township: 08.0S Range: 20.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 11/7/2014			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Monthly status report of drilling and completion attached.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 November 07, 2014

NAME (PLEASE PRINT) Jenna Anderson	PHONE NUMBER 303 645-9804	TITLE Permitting Assistant
SIGNATURE N/A		DATE 11/7/2014

ULTRA RESOURCES, INC.  
DAILY DRILLING REPORT DATE: 09/25/2014

WELL NAME

THREE RIVERS 32-44-720

AFE#

140976

SPUD DATE

10/21/2014

WELL SITE CONSULTANT

JEREMY MEJORADO

PHONE#

713-948-9196

CONTRACTOR

Ensign 122

TD AT REPORT

1,026'

FOOTAGE

906'

PRATE

CUM. DRLG. HRS

DRLG DAYS SINCE SPUD

0

ANTICIPATED TD

7,218'

PRESENT OPS

Drilling at 1,026'

GEOLOGIC SECT.

DAILY MUD LOSS

SURF:

DH:

CUM. MUD LOSS

SURF:

DH:

MUD COMPANY:

MUD ENGINEER:

LAST BOP TEST

NEXT CASING SIZE

8 5/8

NEXT CASING DEPTH

1,004

SSE

0

SSED

0

AFE Days vs Depth:

DWOP Days vs Depth:

AFE Cost Vs Depth:

# LL/BP Received Today:

RECENT CASINGS RUN:			Date Set		Size	Grade	Weight	Depth	FIT Depth	FIT ppg		
Conductor			09/07/2014		16	ARJ-55	45	120				
RECENT BITS:												
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R			
BIT OPERATIONS:												
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP	
RECENT MUD MOTORS:												
#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT			
MUD MOTOR OPERATIONS:												
#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP				
SURVEYS												
Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type			

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		11,489	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa	1,103	1,103	7,500
8100..320: Mud & Chemicals			45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	31,553	31,553	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel			40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/	1,246	1,246	5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental			25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi			7,000	8100..535: Directional Drillin			76,000
8100..540: Fishing				8100..600: Surface Casing/Inte	17,035	17,035	20,000
8100..605: Cementing Work	18,982	32,453	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult			25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	7,587	7,587		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing			94,000
8210..620: Wellhead/Casing Hea			20,000	Total Cost	77,506	102,466	717,000

ULTRA RESOURCES, INC.  
DAILY DRILLING REPORT DATE: 09/26/2014

WELL NAME	THREE RIVERS 32-44-720			AFE#	140976	SPUD DATE	10/21/2014
WELL SITE CONSULTANT	J.MEJORADO/J.MEJORADO			PHONE#	713-948-9196	CONTRACTOR	Other
TD AT REPORT	1,026'	FOOTAGE	906'	PRATE	113.3	CUM. DRLG. HRS	
ANTICIPATED TD	7,218'	PRESENT OPS	Drilling at 1,026'			DRLG DAYS SINCE SPUD	0
DAILY MUD LOSS	SURF:	DH:		CUM. MUD LOSS		GEOLOGIC SECT.	
MUD COMPANY:				MUD ENGINEER:			
LAST BOP TEST		NEXT CASING SIZE	8 5/8	NEXT CASING DEPTH	1,004	SSE	0
						SSED	0

TIME BREAKDOWN		
DRILLING	8.00	RIG UP / TEAR DOWN
		2.00

DETAILS			
Start	End	Hrs	
22:30	00:30	02:00	RIG UP
00:30	08:30	08:00	DRILL FROM 120' TO 1026'

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

FUEL AND WATER USAGE					
Fluid	Used	Received	Transferred	On Hand	Cum.Used
Fuel	1,500.0	1,500.0		0.0	1,500.0
Gas					
Fresh Well Water					
Nano Water					
Frac Water					
Reserve Pit Water					
Boiler Hours					
Air Heater Hours					
Urea				0.0	
Urea Sys 1 Hrs					
Urea Sys 2 Hrs					
Urea Sys 3 Hrs					

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	09/26/2014	8 5/8	J-55	24	1,004		
Conductor	09/07/2014	16	ARJ-55	45	120		

RECENT BITS:										
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R	

BIT OPERATIONS:										
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST
									CUM ROP	

RECENT MUD MOTORS:										
#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT	

MUD MOTOR OPERATIONS:										
#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP		

SURVEYS										
Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type	

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		11,489	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Dispos		1,103	7,500
8100..320: Mud & Chemicals			45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig		31,553	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel			40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/		1,246	5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental			25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi			7,000	8100..535: Directional Drillin			76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		17,035	20,000
8100..605: Cementing Work		32,453	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult			25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies		7,587		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing			94,000
8210..620: Wellhead/Casing Hea			20,000	Total Cost		102,466	717,000



ULTRA RESOURCES, INC.  
DAILY DRILLING REPORT DATE: 10/19/2014

WELL NAME

THREE RIVERS 32-44-720

AFE#

140976

SPUD DATE

10/21/2014

WELL SITE CONSULTANT

J.MEJORADO/J.MEJORADO

PHONE#

713-948-9196

CONTRACTOR

Ensign 122

TD AT REPORT

(no data)

FOOTAGE

PRATE

CUM. DRLG. HRS

8.0

DRLG DAYS SINCE SPUD

0

ANTICIPATED TD

7,218'

PRESENT OPS

(nothing recorded)

GEOLOGIC SECT.

DAILY MUD LOSS

SURF:

DH:

CUM. MUD LOSS

SURF:

DH:

MUD COMPANY:

MUD ENGINEER:

LAST BOP TEST

NEXT CASING SIZE

NEXT CASING DEPTH

SSE

SSD

AFE Days vs Depth:

AFE Cost Vs Depth:

DWOP Days vs Depth:

# LL/BP Received Today:

RECENT CASINGS RUN:			Date Set		Size	Grade	Weight	Depth	FIT Depth		FIT ppg	
Surface			09/26/2014		8 5/8	J-55	24	1,004				
Conductor			09/07/2014		16	ARJ-55	45	120				
RECENT BITS:												
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R			
BIT OPERATIONS:												
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP	
RECENT MUD MOTORS:												
#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT			
MUD MOTOR OPERATIONS:												
#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP				
SURVEYS												
Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type			

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		11,489	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa		1,103	7,500
8100..320: Mud & Chemicals			45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig		31,553	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel			40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/		1,246	5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental			25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi			7,000	8100..535: Directional Drillin			76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		17,035	20,000
8100..605: Cementing Work		32,453	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult			25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies		7,587		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing			94,000
8210..620: Wellhead/Casing Hea			20,000	Total Cost		102,466	717,000

ULTRA RESOURCES, INC.  
DAILY DRILLING REPORT DATE: 10/20/2014

WELL NAME	THREE RIVERS 32-44-720			AFE#	140976		SPUD DATE	10/21/2014	
WELL SITE CONSULTANT	J.MEJORADO/J.MEJORADO			PHONE#	713-948-9196		CONTRACTOR	Ensign 122	
TD AT REPORT	1,247'	FOOTAGE	230'	PRATE	CUM. DRLG. HRS 8.0		DRLG DAYS SINCE SPUD	0	
ANTICIPATED TD	7,218'	PRESENT OPS	Directional Drilling at 1,247'			GEOLOGIC SECT.			
DAILY MUD LOSS	SURF:	DH:		CUM. MUD LOSS	SURF:		DH:		
MUD COMPANY:				MUD ENGINEER:					
LAST BOP TEST	NEXT CASING SIZE		5 1/2	NEXT CASING DEPTH		7,198	SSE	1	SSED 0

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

RECENT CASINGS RUN:			Date Set		Size	Grade	Weight	Depth	FIT Depth		FIT ppg	
Surface			09/26/2014		8 5/8	J-55	24	1,004				
Conductor			09/07/2014		16	ARJ-55	45	120				
RECENT BITS:												
BIT	SIZE	MANUF	TYPE	SERIAL NO.		JETS		TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R	
BIT OPERATIONS:												
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP	
RECENT MUD MOTORS:												
#	SIZE	MANUF	TYPE		SERIAL NO.		LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT	
MUD MOTOR OPERATIONS:												
#	WOB	REV/GAL	HRS		24hr DIST		24HR ROP	CUM HRS	CUM DIST	CUM ROP		
SURVEYS												
Date	TMD	Incl	Azimuth		TVD	VS	NS	EW	DLS	Tool Type		

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		11,489	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa		1,103	7,500
8100..320: Mud & Chemicals			45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig		31,553	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel			40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/		1,246	5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental			25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi			7,000	8100..535: Directional Drillin			76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		17,035	20,000
8100..605: Cementing Work		32,453	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult			25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies		7,587		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing			94,000
8210..620: Wellhead/Casing Hea			20,000	Total Cost		102,466	717,000

ULTRA RESOURCES, INC.  
DAILY DRILLING REPORT DATE: 10/21/2014

WELL NAME	THREE RIVERS 32-44-720			AFE#	140976	SPUD DATE	10/21/2014		
WELL SITE CONSULTANT	JOHN FREITAS/KING BROWN			PHONE#	713-948-9196	CONTRACTOR	Ensign 122		
TD AT REPORT	1,247'	FOOTAGE	230'	PRATE	230.0	CUM. DRLG. HRS	9.0	DRLG DAYS SINCE SPUD	0
ANTICIPATED TD	7,218'	PRESNET OPS	Directional Drilling at 1,247'			GEOLOGIC SECT.			
DAILY MUD LOSS	SURF:	0	DH:	0	CUM. MUD LOSS	SURF:	0	DH:	0
MUD COMPANY:	ANCHOR			MUD ENGINEER:	DAN KASTEL				
LAST BOP TEST	10/21/2014	NEXT CASING SIZE	5 1/2	NEXT CASING DEPTH	7,198	SSE	1	SSED	0

TIME BREAKDOWN									
DIRECTIONAL DRILLING	1.00	NIPPLE UP B.O.P.	2.00	PRESSURE TEST B.O.P.	5.00				
RIG UP / TEAR DOWN	3.50	WASH & REAM	1.50	WORK BHA	3.00				

DETAILS			
Start	End	Hrs	
14:00	17:30	03:30	RIG UP FLOW LINE, HYDRAULIC LINES,POWER LINES.
17:30	19:30	02:00	NIPPLE UP BOP, ACCUMULATOR LINES.
19:30	00:30	05:00	TEST W/ WALKER INSPECTION.SAFETY MEETNG AND RIG UP TESTER. TEST BOP - PIPE RAMS, BLIND RAMS, CHOKE LINE & CHOKE VALVES, FOSV, INSIDE BOP, KILL LINE AND VALVES, CHOKE LINE T/ 250# LOW AND 3000# HIGH.(ANNULAR 250# LOW AND 1500# HIGH), CHOKE MANIFOLD & VALVES, HCR & MANUAL VALVE ALL @ 10 MIN 250 PSI LOW 10 MIN 3000 PSI HIGH - ANNULAR @ 10 MIN 1500 PSI HIGH 10 MIN 250 PSI LOW - CASING @ 30 MIN 1500 PSI -ACCUMULATOR FUNCTION TEST, RIG DOWN TESTER.
00:30	03:30	03:00	P/U DIRECTIONAL TOOLS AND ORIENT. CONTINUE P/U BHA AND TRIP IN HOLE. INSTALL ROTATING HEAD, BREAK CIRC AND CHECK RIG FOR LEAKS(NONE FOUND) TAG CEMENT@ 886'.
03:30	05:00	01:30	CLEAN OUT SHOE TRACK AND CEMENT F/886' T/1017'.
05:00	06:00	01:00	DRILL F/1017' T/1247' 230' @ 230 FT/HR. WOB 5-10K, SPP 1572,92 SPM,26 RPM. LOOSING 0 BBL/HR. 9.2 MW & 31 VIS.
05:55	05:55	00:00	SAFETY MEETING DAYS:PPE, SWA,SKID RIG AND PINCH POINTS, THIRD PARTY.
			SAFETY MEETING NIGHTS: PPE,SWA,NIPPLE-UP, TEST AND RIG UP.
			REGULATORY VISITS: NONE.
			INCIDENTS: NONE.
			SAFETY DRILLS: NONE
			REGULATORY NOTICES:NONE.
			DRILLS: NONE.
			DAYLIGHT: 5 CREW MEMBERS
			NIGHTS: 5 CREW MEMBERS

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

FUEL AND WATER USAGE						
Fluid	Used	Received	Transferred	On Hand	Cum.Used	
Fuel	420.0	3,010.0		2,590.0	1,920.0	
Gas						
Fresh Well Water						
Nano Water						
Frac Water						
Reserve Pit Water						
Boiler Hours						
Air Heater Hours						
Urea				0.0		
Urea Sys 1 Hrs						
Urea Sys 2 Hrs						
Urea Sys 3 Hrs						

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	09/26/2014	8 5/8	J-55	24	1,004		
Conductor	09/07/2014	16	ARJ-55	45	120		

RECENT BITS:										
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R	
1	7.875	STC	MSDI516	JJ5062	12/12/12/12/12	0.552	1,017		-----	

BIT OPERATIONS:											
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1		60	440	1,500	2.89	1.00	230	230.00	1.00	230	230.00

RECENT MUD MOTORS:											
#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT		
1	6.500	HUNTING	ARROW	6303	7/8	1,017		10/21/2014			

MUD MOTOR OPERATIONS:										
#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP		
1	25	0.33	1.00	230	230.00	1.00	230	230.00		

SURVEYS											
Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type		
10/21/2014	3,513	26.5	42.84	3,368	728.9	546.99	481.78	0.5	MWD Survey Tool		
10/21/2014	3,422	26.1	43.28	3,286	688.6	517.51	454.24	0.4	MWD Survey Tool		
10/21/2014	3,332	26.5	43.46	3,205	648.7	488.51	426.84	0.7	MWD Survey Tool		

MUD PROPERTIES											
Type	LSND	Mud Wt	9.2	Alk.	1.2	Sand %	0.0	XS Lime lb/bbl			
Temp.	110	Gels 10sec	0	Cl ppm	1,800	Solids %	5.0	Salt bbls			
Visc	31	Gels 10min	0	Ca ppm	10	LGS %	4.0	LCM ppb	0.0		
PV	4	pH	8.9	pF	0.1	Oil %		API WL cc	16.0		
YP	1	Filter Cake/32	1	Mf	0.8	Water %		HTHP WL cc			
O/W Ratio		ES		WPS							
Comments:	BAR-13,TRAILER-1,ENGINEERING-1.										

Flaring:	Flare Foot-Minutes	0	Flared MCF	0.0	Cum. Flared MCF	0.0
----------	--------------------	---	------------	-----	-----------------	-----

SURFACE PUMP/BHA INFORMATION													
Pump 1 Liner	6.5	Stroke Len	9.0	SPM	125	PSI	2,000	GPM	444	SPR	43	Slow PSI	0
Pump 2 Liner	6.5	Stroke Len	9.0	SPM		PSI		GPM		SPR		Slow PSI	
Pump 32 Liner		Stroke Len		SPM		PSI		GPM		SPR	60	Slow PSI	
BHA Makeup	STEARABLE							Length	887.4			Hours on BHA	1
Up Weight	80,000	Dn Weight	66,000	RT Weight	50,000			Torque	5,000			Hours on Motor	1

BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	DRILL BIT	7.875		1.00		JJ5062	STC MDSI516
2	MUD MOTOR	6.500	0.000	28.05		6303	1.5 DEG FBH 7/8 4.8STG. .33REV
3	NON MAG MONEL	6.063	2.875	31.53		ATM64-513	4.5 XH P x B
4	EM GAP SUB	6.313	2.813	3.80		GSB0401	4.5 XH P x B
5	NON MAG FLEX MONEL	6.000	2.750	29.61		9041	4.5 XH P x B
6	DRILL COLLAR	6.500	2.750	29.45		RIG	4.5 XH P x B
7	18JTS HWDP	4.500	2.750	548.65		RIG	4.5 XH P x B
8	DRILLING JARS	6.375	2.250	32.47		42259G	4.5 XH P x B(SMITH)HE JARS (RUN 2)
9	6JTS HWDP	4.500	2.750	182.79		RIG	4.5 XH P x B

DAILY COSTS

	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		11,489	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa	892	1,995	7,500
8100..320: Mud & Chemicals	907	907	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	12,949	44,502	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel			40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services	500	500	7,000
8100..510: Testing/Inspection/	2,425	3,671	5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental	2,170	2,170	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi	283	283	7,000	8100..535: Directional Drillin	11,395	11,395	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		17,035	20,000
8100..605: Cementing Work		32,453	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	3,200	3,200	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	3,820	11,407		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing	103,727	103,727	94,000
8210..620: Wellhead/Casing Hea			20,000	Total Cost	142,268	244,734	717,000



ULTRA RESOURCES, INC.  
DAILY DRILLING REPORT DATE: 10/22/2014

WELL NAME	THREE RIVERS 32-44-720			AFE#	140976		SPUD DATE	10/21/2014		
WELL SITE CONSULTANT	JOHN FREITAS/KING BROWN			PHONE#	713-948-9196		CONTRACTOR	Ensign 122		
TD AT REPORT	3,966'	FOOTAGE	2,719'	PRATE	118.2	CUM. DRLG. HRS	32.0	DRLG DAYS SINCE SPUD	1	
ANTICIPATED TD	7,218'	PRESENT OPS			Directional Drilling at 3,966'		GEOLOGIC SECT.			
DAILY MUD LOSS	SURF:	0	DH:	60	CUM. MUD LOSS	SURF:	0	DH:	60	
MUD COMPANY:	ANCHOR			MUD ENGINEER:			DAN KASTEL			
LAST BOP TEST	10/21/2014	NEXT CASING SIZE	5 1/2	NEXT CASING DEPTH		7,198	SSE	0	SSED	1

TIME BREAKDOWN					
DIRECTIONAL DRILLING	23.00	OTHER	0.50	RIG SERVICE	0.50

DETAILS			
Start	End	Hrs	
06:00	12:00	06:00	DRILL F/ 1247' T/ 2157' 910' @ 151.6 FT/HR. WOB 15-25K, SPP 2042,126 SPM,55-60 RPM,9.4 MW & 46 VIS.
12:00	12:30	00:30	RIG SERVICE- LUBRICATE RIG (GREASE PIPEARMS, ROUGHNECK, WASH PIPE AND SHOCK SUB) SERVICE AND INSPECT PUMP # 1 PUMP #2 AND HPU MOTORS.
12:30	18:00	05:30	DRILL F/ 2157' T/ 3003' 846' @ 153.8 FT/HR. WOB 15-25K, SPP 2042,126 SPM,55-60 RPM,9.4 MW & 46 VIS.TOTAL LOSSES AS OF 17:00 HRS IS 80 BBL.
18:00	00:00	06:00	DRILL F/3003' T/ 3560' 557' @ 92.8 FT/HR. WOB 15-25K, SPP 2042,126 SPM,55-60 RPM,9.5 MW & 38 VIS.TOTAL LOSSES AS OF 17:00 HRS IS 180 BBL.WE STARTED SENDING 50 BBL SWEEPS AT 3000' THAT HAVE 3% SAWDUST,WALNUT,CAL-CARB,MICA, CEDAR FIBER,, ECO-SEAL. ALSO STARTED ADDING POLY SWELL DOWN THE DRILL PIPE AT 3000'.
00:00	00:30	00:30	DOWN LINK MWD TOOL. INCREASE POWER OUTPUT.
00:30	03:00	02:30	DRILL F/3560' T/ 3755' 195' @ 78 FT/HR. WOB 15-25K, SPP 2042,126 SPM,55-60 RPM,9.6 MW & 37 VIS.TOTAL LOSSES AS OF 03:00 HRS IS 220 BBL.
03:00	05:00	02:00	DRILL F/3755' T/ 3922' 167' @ 83.5 FT/HR. WOB 15-25K, SPP 2142,126 SPM,55-60 RPM,9.6 MW & 41 VIS.TOTAL LOSSES AS OF 05:00 HRS IS 220 BBL.
05:00	06:00	01:00	DRILL UNDER DIRECTIONAL CONTROL F/3922' T/ 3966' 44' @ 44 FT/HR. WOB 15-25K, SPP 2142,126 SPM,55-60 RPM,9.6 MW & 41 VIS.TOTAL LOSSES AS OF 06:00 HRS IS 220 BBL.WE HAVE SENT A TOTAL OF 4 SWEEPS.
05:55	05:55	00:00	SAFETY MEETING DAYS:PPE, SWA,CREW CHANGE AND TURN-OVER. SAFETY MEETING NIGHTS: PPE,SWA,NIPPLE-UP, CREW CHANGE AND CHANGE-OVER. STAYING FOCUSED. REGULATORY VISITS: NONE. INCIDENTS: NONE. SAFETY DRILLS: NONE REGULATORY NOTICES:NONE. DRILLS: NONE. DAYLIGHT: 5 CREW MEMBERS NIGHTS: 4 CREW MEMBERS

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

FUEL AND WATER USAGE		Used	Received	Transferred	On Hand	Cum.Used
Fluid						
Fuel		1,610.0			980.0	3,530.0
Gas						
Fresh Well Water						
Nano Water						
Frac Water						
Reserve Pit Water						
Boiler Hours						
Air Heater Hours						
Urea					0.0	
Urea Sys 1 Hrs						
Urea Sys 2 Hrs						
Urea Sys 3 Hrs						

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	09/26/2014	8 5/8	J-55	24	1,004		
Conductor	09/07/2014	16	ARJ-55	45	120		

RECENT BITS:									
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R
1	7.875	STC	MSDI516	JJ5062	12/12/12/12/12	0.552	1,017		-----

BIT OPERATIONS:											
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1		60/145	440	2,100	3.02	23.00	2,719	118.22	24.00	2,949	122.88

RECENT MUD MOTORS:										
#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT	
1	6.500	HUNTING	ARROW	6303	7/8	1,017		10/21/2014		

MUD MOTOR OPERATIONS:								
#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1	25	0.33	23.00	2,719	118.22	24.00	2,949	122.88

SURVEYS									
Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type
10/22/2014	5,325	0.9	77.96	5,105	1,149.2	865.41	756.26	0.7	MWD Survey Tool
10/22/2014	5,234	1.4	57.07	5,014	1,147.6	864.65	754.63	0.7	MWD Survey Tool
10/22/2014	5,143	2.0	47.64	4,924	1,144.9	862.98	752.52	0.7	MWD Survey Tool

MUD PROPERTIES									
Type	LSND	Mud Wt	9.5	Alk.	1.0	Sand %	0.0	XS Lime lb/bbl	
Temp.	90	Gels 10sec	4	Cl ppm	1,400	Solids %	6.0	Salt bbls	
Visc	41	Gels 10min	15	Ca ppm	10	LGS %	3.0	LCM ppb	0.0
PV	12	pH	10.5	pF	0.0	Oil %		API WL cc	9.6
YP	10	Filter Cake/32	1	Mf	1.0	Water %	94.0	HTHP WL cc	
O/W Ratio		ES		WPS					
Comments:	ALUM-STEARATE 1,CITRIC ACID 1,DRISPAC REGULAR 4,LIGNITE 5,MICA 10,PHPA 1,FLOWZAN 4,SODIUM BICARB 2,MEGA-CIDE 2,ECO-SEAL 10,PAC-LV 1,CAL-CARB 6,PALLETS&SHRINK WRAP 14,TRAILER-1,ENGINEERING-1.								

Flaring:	Flare Foot-Minutes	0	Flared MCF	0.0	Cum. Flared MCF	0.0
----------	--------------------	---	------------	-----	-----------------	-----

SURFACE PUMP/BHA INFORMATION

Pump 1 Liner	6.5	Stroke Len	9.0	SPM	125	PSI	2,000	GPM	444	SPR	43	Slow PSI	232
Pump 2 Liner	6.5	Stroke Len	9.0	SPM	_____	PSI	_____	GPM	_____	SPR	_____	Slow PSI	—
Pump 32 Liner	_____	Stroke Len	_____	SPM	_____	PSI	_____	GPM	_____	SPR	60	Slow PSI	_____
BHA Makeup STEARABLE										Length 887.4			Hours on BHA 24
Up Weight 109,000 Dn Weight 76,000 RT Weight 90,000										Torque 10,500			Hours on Motor 24

BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	DRILL BIT	7.875		1.00		JJ5062	STC MDSI516
2	MUD MOTOR	6.500	0.000	28.05		6303	1.5 DEG FBH 7/8 4.8STG. .33REV
3	NON MAG MONEL	6.063	2.875	31.53		ATM64-513	4.5 XH P x B
4	EM GAP SUB	6.313	2.813	3.80		GSB0401	4.5 XH P x B
5	NON MAG FLEX MONEL	6.000	2.750	29.61		9041	4.5 XH P x B
6	DRILL COLLAR	6.500	2.750	29.45		RIG	4.5 XH P x B
7	18JTS HWDP	4.500	2.750	548.65		RIG	4.5 XH P x B
8	DRILLING JARS	6.375	2.250	32.47		42259G	4.5 XH P x B(SMITH)HE JARS (RUN 2)
9	6JTS HWDP	4.500	2.750	182.79		RIG	4.5 XH P x B

DAILY COSTS

	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		11,489	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamat				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Dispos		1,995	7,500
8100..320: Mud & Chemicals	5,210	6,117	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	21,425	65,927	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel			40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services		500	7,000
8100..510: Testing/Inspection/		3,671	5,000	8100..520: Trucking & Hauling	263	263	10,000
8100..530: Equipment Rental	3,260	5,430	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi	425	708	7,000	8100..535: Directional Drillin	8,150	19,545	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		17,035	20,000
8100..605: Cementing Work		32,453	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	4,800	8,000	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	4,965	16,372		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing	1,607	105,334	94,000
8210..620: Wellhead/Casing Hea			20,000	Total Cost	50,105	294,839	717,000

ULTRA RESOURCES, INC.  
DAILY DRILLING REPORT DATE: 10/23/2014

WELL NAME	THREE RIVERS 32-44-720			AFE#	140976		SPUD DATE	10/21/2014		
WELL SITE CONSULTANT	JOHN FREITAS/KING BROWN			PHONE#	713-948-9196		CONTRACTOR	Ensign 122		
TD AT REPORT	6,050'	FOOTAGE	2,084'	PRATE	88.7	CUM. DRLG. HRS	55.5	DRLG DAYS SINCE SPUD	2	
ANTICIPATED TD	7,218'	PRESENT OPS		Directional Drilling at 6,050'			GEOLOGIC SECT.			
DAILY MUD LOSS	SURF:	0	DH:	400	CUM. MUD LOSS	SURF:	0	DH:	460	
MUD COMPANY:	ANCHOR			MUD ENGINEER:			DAN KASTEL			
LAST BOP TEST	10/21/2014	NEXT CASING SIZE	5 1/2	NEXT CASING DEPTH		7,192	SSE	1	SSED	0

TIME BREAKDOWN			
DIRECTIONAL DRILLING	23.50	RIG SERVICE	0.50

DETAILS				
Start	End	Hrs		
06:00	12:00	06:00	DRILL UNDER DIRECTIONAL CONTROL F/3966' T/ 4651' 685' @ 114.16 FT/HR. WOB 20-25K, SPP 2142,126 SPM,55-60 RPM,9.6 MW & 41 VIS. LOST 40 BBLS.	
12:00	12:30	00:30	RIG SERVICE- LUBRICATE RIG (GREASE PIPEARMS, ROUGHNECK, WASH PIPE AND SHOCK SUB) SERVICE AND INSPECT PUMP # 1 PUMP #2 AND HPU MOTORS.	
12:30	18:00	05:30	DRILL UNDER DIRECTIONAL CONTROL F/4651' T/ 5150' 499' @ 90.72 FT/HR. WOB 20-25K, SPP 2142,126 SPM,55-60 RPM,9.6 MW & 41 VIS. LOST 60 BBLS FOR A TOTAL OF 100 BBLS. WE HAVE BEEN ADDING 1% SAWDUST AND MICA SWEEPS.	
18:00	00:00	06:00	DRILL UNDER DIRECTIONAL CONTROL F/5150' T/ 5612' 462' @ 77 FT/HR. WOB 20-25K, SPP 2242,126 SPM, 30-45 RPM,9.7 MW & 41 VIS. LOST 60 BBLS FOR A TOTAL OF 100 BBLS. WE HAVE BEEN ADDING 1% SAWDUST AND MICA SWEEPS.	
00:00	06:00	06:00	DRILL UNDER DIRECTIONAL CONTROL F/5612' T/ 6050' 438' @ 73' FT/HR. WOB 20-25K, SPP 2352,12 SPM,35-45 RPM,9.8 MW & 41 VIS.CONTINUE TO MIX 1-2% LCM (SAW DUST,MICA) 1 VIS CUP POLY SWELL IN EVERY CONNECTION. LOSSES HAVE STABILIZED.	
05:55	05:55	00:00	SAFETY MEETING DAYS:PPE, SWA,DAILY ROUTINE OF DRILLING AND MAINTAINING FOCUS. SAFETY MEETING NIGHTS: PPE,SWA,NIPPLE-UP, SLIPS, TRIPS AND FALLS. REGULATORY VISITS: NONE. INCIDENTS: NONE. SAFETY DRILLS: NONE REGULATORY NOTICES:NONE. DRILLS: NONE. DAYLIGHT: 6 CREW MEMBERS NIGHTS: 4 CREW MEMBERS	

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

FUEL AND WATER USAGE

Fluid	Used	Received	Transferred	On Hand	Cum.Used
Fuel	1,390.0	3,000.0		2,590.0	4,920.0
Gas					
Fresh Well Water					
Nano Water					
Frac Water					
Reserve Pit Water					
Boiler Hours					
Air Heater Hours					
Urea				0.0	
Urea Sys 1 Hrs					
Urea Sys 2 Hrs					
Urea Sys 3 Hrs					

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	09/26/2014	8 5/8	J-55	24	1,004		
Conductor	09/07/2014	16	ARJ-55	45	120		

RECENT BITS:									
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R
1	7.875	STC	MSDI516	JJ5062	12/12/12/12/12	0.552	1,017		-----

BIT OPERATIONS:											
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1		40/145	440	2,450	3.12	23.50	2,084	88.68	47.50	5,033	105.96

RECENT MUD MOTORS:									
#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT
1	6.500	HUNTING	ARROW	6303	7/8	1,017		10/21/2014	

MUD MOTOR OPERATIONS:								
#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1	25	0.33	23.50	2,084	88.68	47.50	5,033	105.96

SURVEYS									
Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type
10/23/2014	5,959	1.4	175.97	5,693	1,146.3	857.08	761.24	0.1	MWD Survey Tool
10/23/2014	5,777	1.2	169.45	5,557	1,148.2	859.98	760.84	0.3	MWD Survey Tool
10/23/2014	5,687	1.4	161.25	5,467	1,149.3	861.94	760.31	0.4	MWD Survey Tool

MUD PROPERTIES									
Type	LSND	Mud Wt	9.8	Alk.	1.0	Sand %	0.0	XS Lime lb/bbl	
Temp.	105	Gels 10sec	2	Cl ppm	1,350	Solids %	8.0	Salt bbls	
Visc	40	Gels 10min	6	Ca ppm	40	LGS %	6.0	LCM ppb	0.0
PV	10	pH	9.7	pF	1.0	Oil %		API WL cc	7.2
YP	7	Filter Cake/32	1	Mf	6.0	Water %	92.0	HTHP WL cc	
O/W Ratio		ES		WPS					
Comments:	ALUM-STEARATE 1,ANCO-BAR 50,CEDAR FIBER 4,POLY SWELL 1,HIGH YIELD GEL 20,LIGNITE 3,MICA 23,LIME 17,PHPA 2,SAWDUST 225,FLOWZAN 2,WALNUT 65,MEGA-CIDE 4,ECO-SEAL 6,PAC-LV 14,CAL-CARB 20,TRAILER-1,ENGINEERING-1.								

Flaring:	Flare Foot-Minutes	0	Flared MCF	0.0	Cum. Flared MCF	0.0
----------	--------------------	---	------------	-----	-----------------	-----

SURFACE PUMP/BHA INFORMATION													
Pump 1 Liner	6.5	Stroke Len	9.0	SPM	125	PSI	2,450	GPM	444	SPR	43	Slow PSI	357
Pump 2 Liner	6.5	Stroke Len	9.0	SPM		PSI		GPM		SPR		Slow PSI	
Pump 32 Liner		Stroke Len		SPM		PSI		GPM		SPR	60	Slow PSI	
BHA Makeup	STEARABLE												
Up Weight	109.000	Dn Weight	76.000	RT Weight	90.000			Length	887.4			Hours on BHA	48
								Torque	10.500			Hours on Motor	48

BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	DRILL BIT	7.875		1.00		JJ5062	STC MDSI516
2	MUD MOTOR	6.500	0.000	28.05		6303	1.5 DEG FBH 7/8 4.8STG. .33REV
3	NON MAG MONEL	6.063	2.875	31.53		ATM64-513	4.5 XH P x B
4	EM GAP SUB	6.313	2.813	3.80		GSB0401	4.5 XH P x B
5	NON MAG FLEX MONEL	6.000	2.750	29.61		9041	4.5 XH P x B
6	DRILL COLLAR	6.500	2.750	29.45		RIG	4.5 XH P x B
7	18JTS HWDP	4.500	2.750	548.65		RIG	4.5 XH P x B
8	DRILLING JARS	6.375	2.250	32.47		42259G	4.5 XH P x B(SMITH)HE JARS (RUN 2)
9	6JTS HWDP	4.500	2.750	182.79		RIG	4.5 XH P x B

DAILY COSTS

	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		11,489	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa	741	2,736	7,500
8100..320: Mud & Chemicals	8,875	14,992	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	19,425	85,352	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel	9,733	9,733	40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services	550	1,050	7,000
8100..510: Testing/Inspection/		3,671	5,000	8100..520: Trucking & Hauling		263	10,000
8100..530: Equipment Rental	3,260	8,690	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi	425	1,133	7,000	8100..535: Directional Drillin	8,150	27,695	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte	1,596	18,631	20,000
8100..605: Cementing Work		32,453	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	4,800	12,800	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	7,884	24,256		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing		105,334	94,000
8210..620: Wellhead/Casing Hea	6,889	6,889	20,000	Total Cost	72,328	367,167	717,000

ULTRA RESOURCES, INC.  
DAILY DRILLING REPORT DATE: 10/24/2014

WELL NAME	THREE RIVERS 32-44-720			AFE#	140976		SPUD DATE	10/21/2014		
WELL SITE CONSULTANT	J.MEJORADO/J.MEJORADO			PHONE#	713-948-9196		CONTRACTOR	Ensign 122		
TD AT REPORT	6,857'	FOOTAGE	807'	PRATE	43.6	CUM. DRLG. HRS	74.0	DRLG DAYS SINCE SPUD	3	
ANTICIPATED TD	7,218'	PRESNET OPS	Tripping out of hole at 6,857'			GEOLOGIC SECT.				
DAILY MUD LOSS	SURF:	0	DH:	80	CUM. MUD LOSS	SURF:	0	DH:	540	
MUD COMPANY:	ANCHOR			MUD ENGINEER:			SEAN LEHNEN			
LAST BOP TEST	10/21/2014	NEXT CASING SIZE	5 1/2	NEXT CASING DEPTH		7,180	SSE	0	SSED	0

TIME BREAKDOWN	CASING & CEMENT	0.50	DIRECTIONAL DRILLING	18.50	RIG REPAIRS	1.50
	RIG SERVICE	0.50	TRIPPING	3.00		

DETAILS	Start	End	Hrs	
	06:00	12:30	06:30	DRILL UNDER DIRECTIONAL CONTROL F/6050' T/ 6370' 320' @ 50' FT/HR. WOB 20-25K, SPP 2352,12 SPM,35-45 RPM,9.8 MW & 41 VIS
	12:30	13:00	00:30	RIG SERVICE LUBRICATE RIG (GREASE PIPEARMS, ROUGHNECK, WASH PIPE AND SHOCK SUB) SERVICE AND INSPECT PUMP # 1 PUMP #2 AND HPU MOTORS.
	13:00	19:00	06:00	DRILL UNDER DIRECTIONAL CONTROL F/6370' T/ 6664' 294' @ 49' FT/HR. WOB 20-25K, SPP 2352,120 SPM,35-45 RPM,9.8 MW & 41 VIS
	19:00	20:30	01:30	DOWNTIME REPLACING SWABS IN #2 MUD PUMP. UNABLE TO DRILL WITH #1 MUD PUMP DUE TO WORN BELT (BELT WOULD START SLIPPING WHEN PRESSURE REACHED 2000 PSI)
	20:30	02:30	06:00	DRILL UNDER DIRECTIONAL CONTROL F/6664' T/ 6857' 193' @ 32.2' FT/HR. WOB 20-25K, SPP 2200,110 SPM,35-45 RPM,9.75 MW & 43 VIS
	02:30	03:00	00:30	CIRCULATE WHILE BUILDING SLUG (MUD MOTOR FAILURE GAINED 900 PSI IN PUMP PRESSURE AND WOULD NOT FALL OFF)
	03:00	06:00	03:00	T.O.O.H. FROM 6857' TO 2200'
	05:55	05:55	00:00	SAFETY MEETING DAYS:PPE, SWA, MIXING CHEMICALS, LOADER OPERATIONS.
	SAFETY MEETING NIGHTS: PPE, SWA, LOADER OPERATIONS			
	REGULATORY VISITS: NONE.			
	INCIDENTS: NONE.			
	SAFETY DRILLS: NONE			
	REGULATORY NOTICES:SENT PRODUCTION CASING NOTICE TO STATE @ 1400 HRS 10/23/2014.			
	DRILLS: NONE.			
	DAYLIGHT: 6 CREW MEMBERS			
	NIGHTS: 5 CREW MEMBERS			

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

FUEL AND WATER USAGE

Fluid	Used	Received	Transferred	On Hand	Cum.Used
Fuel	1,820.0	0.0	0.0	770.0	6,740.0
Gas					
Fresh Well Water					
Nano Water					
Frac Water					
Reserve Pit Water					
Boiler Hours					
Air Heater Hours					
Urea				0.0	
Urea Sys 1 Hrs					
Urea Sys 2 Hrs					
Urea Sys 3 Hrs					

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	09/26/2014	8 5/8	J-55	24	1,004		
Conductor	09/07/2014	16	ARJ-55	45	120		

RECENT BITS:	BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R
	1	7.875	STC	MSDI516	JJ5062	12/12/12/12	0.552	1,017	6,857	3-3-BT-A-X-1/16-LT-DMF

BIT OPERATIONS:	BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
	1		40/145	440	2,450	3.12	18.50	807	43.62	66.00	5,840	88.48

RECENT MUD MOTORS:	#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT
	1	6.500	HUNTING	ARROW	6303	7/8	1,017	6,857	10/21/2014	10/24/2014

MUD MOTOR OPERATIONS:	#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
	1	25	0.33	18.50	807	43.62	66.00	5,840	88.48

SURVEYS	Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type
	10/24/2014	6,774	2.6	169.84	6,508	1,128.3	827.60	767.23	0.4	MWD Survey Tool
	10/24/2014	6,683	2.3	164.38	6,417	1,130.6	831.40	766.37	0.1	MWD Survey Tool
	10/24/2014	6,593	2.3	167.24	6,327	1,132.6	834.90	765.49	0.1	MWD Survey Tool

MUD PROPERTIES

Type	LSND	Mud Wt	9.8	Alk.	1.0	Sand %	0.0	XS Lime lb/bbl	
Temp.	109	Gels 10sec	2	Cl ppm	1,200	Solids %	9.0	Salt bbls	
Visc	43	Gels 10min	7	Ca ppm	30	LGS %	7.0	LCM ppb	0.0
PV	13	pH	10.5	pF	1.0	Oil %		API WL cc	6.4
YP	8	Filter Cake/32	1	Mf	4.9	Water %	90.0	HTHP WL cc	
O/W Ratio		ES		WPS					
Comments:	ALUM-STEARATE 1, ANCO-BAR 13, ANCO DD 3, CEDAR FIBER 7, HIGH YIELD GEL 12, LIGNITE 1, MICA 41, LIME 18, PHPA 8, SAWDUST 150, SOLTEX 28, WALNUT 54, MEGA-CIDE 3, PAC-LV 11, CAL-CARB 14, TRAILER-1, ENGINEERING-1.								

Flaring:	Flare Foot-Minutes	0	Flared MCF	0.0	Cum. Flared MCF	0.0
----------	--------------------	---	------------	-----	-----------------	-----

SURFACE PUMP/BHA INFORMATION

Pump 1 Liner	<u>6.5</u>	Stroke Len	<u>9.0</u>	SPM	<u>125</u>	PSI	<u>2,450</u>	GPM	<u>444</u>	SPR	<u>43</u>	Slow PSI	<u>357</u>	
Pump 2 Liner	<u>6.5</u>	Stroke Len	<u>9.0</u>	SPM	_____	PSI	_____	GPM	_____	SPR	_____	Slow PSI	_____	
Pump 32 Liner	_____	Stroke Len	_____	SPM	_____	PSI	_____	GPM	_____	SPR	<u>60</u>	Slow PSI	_____	
BHA Makeup	STEARABLE							Length	<u>887.4</u>	Hours on BHA				<u>66</u>
Up Weight	140,000	Dn Weight	85,000	RT Weight	105,000	Torque			<u>11,500</u>	Hours on Motor				<u>66</u>



BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	DRILL BIT	7.875		1.00		JJ5062	STC MDSI516
2	MUD MOTOR	6.500	0.000	28.05		6303	1.5 DEG FBH 7/8 4.8STG. .33REV
3	NON MAG MONEL	6.063	2.875	31.53		ATM64-513	4.5 XH P x B
4	EM GAP SUB	6.313	2.813	3.80		GSB0401	4.5 XH P x B
5	NON MAG FLEX MONEL	6.000	2.750	29.61		9041	4.5 XH P x B
6	DRILL COLLAR	6.500	2.750	29.45		RIG	4.5 XH P x B
7	18JTS HWDP	4.500	2.750	548.65		RIG	4.5 XH P x B
8	DRILLING JARS	6.375	2.250	32.47		42259G	4.5 XH P x B(SMITH)HE JARS (RUN 2)
9	6JTS HWDP	4.500	2.750	182.79		RIG	4.5 XH P x B

DAILY COSTS

	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		11,489	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa	2,736	7,500	
8100..320: Mud & Chemicals	10,205	25,197	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	19,425	104,777	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel		9,733	40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services	1,050	7,000	
8100..510: Testing/Inspection/		3,671	5,000	8100..520: Trucking & Hauling	263	10,000	
8100..530: Equipment Rental	3,260	11,950	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi	425	1,558	7,000	8100..535: Directional Drillin	8,150	35,845	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte	18,631	20,000	
8100..605: Cementing Work		32,453	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	4,800	17,600	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	5,089	29,345		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing		105,334	94,000
8210..620: Wellhead/Casing Hea		6,889	20,000	Total Cost	51,354	418,521	717,000

ULTRA RESOURCES, INC.  
DAILY DRILLING REPORT DATE: 10/25/2014

WELL NAME	THREE RIVERS 32-44-720			AFE#	140976		SPUD DATE	10/21/2014		
WELL SITE CONSULTANT	J.MEJORADO/J.MEJORADO			PHONE#	713-948-9196		CONTRACTOR	Ensign 122		
TD AT REPORT	6,857'	FOOTAGE	0'	PRATE	CUM. DRLG. HRS		74.0	DRLG DAYS SINCE SPUD	4	
ANTICIPATED TD	7,218'	PRESENT OPS		Tripping in hole at 6,857'		GEOLOGIC SECT.				
DAILY MUD LOSS	SURF:	0	DH:	100	CUM. MUD LOSS		SURF:	0	DH:	640
MUD COMPANY:	ANCHOR			MUD ENGINEER:		SEAN LEHNEN				
LAST BOP TEST	10/21/2014	NEXT CASING SIZE	5 1/2	NEXT CASING DEPTH		7,178	SSE	0	SSED	0

TIME BREAKDOWN			
OTHER	<u>4.00</u>	RIG SERVICE	<u>0.50</u>
WORK BHA	<u>1.00</u>		
		TRIPPING	<u>18.50</u>

DETAILS				
Start	End	Hrs		
06:00	08:00	02:00	CONTINUE TRIP OUT OF HOLE FROM 2200' TO DIRECTIONAL TOOLS	
08:00	09:00	01:00	PULL MWD TOOL - DRAIN MUD MOTOR - BREAK BIT & LAY DOWN	
09:00	09:30	00:30	RIG SERVICE LUBRICATE RIG (GREASE PIPEARMS, ROUGHNECK, WASH PIPE AND SHOCK SUB)	
			SERVICE AND INSPECT PUMP # 1 PUMP #2 AND HPU MOTORS.	
09:30	14:30	05:00	STRAP MUD MOTOR LOAD BHA & TRIP IN HOLE FROM 0' TO 4000'	
14:30	17:30	03:00	TRIP OUT OF THE HOLE FROM 4000' TO 0' - STRING PACKED OFF - 1JT HWDP, 1 D.C., & MUD MOTOR	
			WERE PACKED SOLID WITH CUTTINGS	
17:30	20:00	02:30	TRANSFER FLUID OUT OF TANKS TO CLEAN SUCTION TANKS - FILL PILL TANK WITH CLEAN MUD -	
			CLEAN SUCTION TUBES & LINES ON MUD PUMPS - PUMP CLEAN FLUID THROUGH LINES - LOAD BHA &	
			STRAP MUD MOTOR	
20:00	22:00	02:00	T.I.H. FROM 0' TO 1040' - INSTALL ROTATING HEAD - FILL PIPE @ 500' ATTEMPT TO FILL PIPE @ 1040'	
			STRING PACKED OFF WITH SOLIDS	
22:00	23:30	01:30	T.O.O.H. FROM 1040' TO 0' - BREAK BIT - PUMP THRU MOTOR	
23:30	01:00	01:30	PULL SUCTION CAP ON MUD PUMP AND CHECK SUCTION MANIFOLD (NO SOLIDS) BREAK SUCTION LINE	
			FROM MUD TANKS TO MUD PUMPS (CLEAN OUT SOLIDS) CLEAN OUT MUD TANK #2 AND #3 - PUMP 40	
			BBLs MUD THRU TOP DRIVE AND MUD MOTOR - BUILD 100 BBLs FRESH MUD	
01:00	06:00	05:00	MAKE UP BIT - T.I.H. FROM 0' TO 6000' - FILL PIPE EVERY 500'	
05:55	05:55	00:00	SAFETY MEETING DAYS:PPE, SWA, TRIPPING PIPE	
			SAFETY MEETING NIGHTS: PPE, SWA, TRIPPIG PIPE	
			REGULATORY VISITS: NONE.	
			INCIDENTS: NONE.	
			SAFETY DRILLS: NONE	
			REGULATORY NOTICES:NONE.	
			DRILLS: NONE.	
			DAYLIGHT: 6 CREW MEMBERS	
			NIGHTS: 5 CREW MEMBERS	

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

FUEL AND WATER USAGE						
Fluid	Used	Received	Transferred	On Hand	Cum.Used	
Fuel	700.0	3,500.0		3,570.0	7,440.0	
Gas						
Fresh Well Water						
Nano Water						
Frac Water						
Reserve Pit Water						
Boiler Hours						
Air Heater Hours						
Urea				0.0		
Urea Sys 1 Hrs						
Urea Sys 2 Hrs						
Urea Sys 3 Hrs						

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	09/26/2014	8 5/8	J-55	24	1,004		
Conductor	09/07/2014	16	ARJ-55	45	120		

RECENT BITS:									
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R
1	7.875	STC	MSDI516	JJ5062	12/12/12/12/12	0.552	1,017	6,857	3-3-BT-A-X-1/16-LT-DMF

BIT OPERATIONS:											
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1		40/145	440	2,450	3.12	18.50	807	43.62	66.00	5,840	88.48

RECENT MUD MOTORS:											
#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT		
1	6.500	HUNTING	ARROW	6303	7/8	1,017	6,857	10/21/2014	10/24/2014		

MUD MOTOR OPERATIONS:									
#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP	
1	25	0.33	18.50	807	43.62	66.00	5,840	88.48	

SURVEYS										
Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type	
10/24/2014	6,774	2.6	169.84	6,508	1,128.3	827.60	767.23	0.4	MWD Survey Tool	
10/24/2014	6,683	2.3	164.38	6,417	1,130.6	831.40	766.37	0.1	MWD Survey Tool	
10/24/2014	6,593	2.3	167.24	6,327	1,132.6	834.90	765.49	0.1	MWD Survey Tool	

MUD PROPERTIES										
Type	LSND	Mud Wt	9.6	Alk.	1.0	Sand %	0.0	XS Lime lb/bbl		
Temp.	87	Gels 10sec	2	Cl ppm	1,100	Solids %	8.0	Salt bbls		
Visc	39	Gels 10min	7	Ca ppm	30	LGS %	6.0	LCM ppb	0.0	
PV	7	pH	9.7	pF	1.0	Oil %		API WL cc	6.8	
YP	7	Filter Cake/32	1	Mf	1.0	Water %	90.0	HTHP WL cc		
O/W Ratio		ES		WPS						
Comments:										
ALUM-STEARATE 1, ANCO-BAR 93, ANCO DD 3, CEDAR FIBER 7, HIGH YIELD GEL 12, LIGNITE 1, MICA 41, LIME 18, PHPA 8, SAWDUST 150, SOLTEX 28, WALNUT 54, MEGA-CIDE 3, PAC-LV 11, CAL-CARB 14, TRAILER-1, ENGINEERING-1.										

Flaring:	Flare Foot-Minutes	0	Flared MCF	0.0	Cum. Flared MCF	0.0
----------	--------------------	---	------------	-----	-----------------	-----

SURFACE PUMP/BHA INFORMATION

Pump 1 Liner	<u>6.5</u>	Stroke Len	<u>9.0</u>	SPM	<u>125</u>	PSI	<u>2,450</u>	GPM	<u>444</u>	SPR	<u>43</u>	Slow PSI	<u>357</u>
Pump 2 Liner	<u>6.5</u>	Stroke Len	<u>9.0</u>	SPM	<u>      </u>	PSI	<u>      </u>	GPM	<u>      </u>	SPR	<u>      </u>	Slow PSI	<u>—</u>
Pump 32 Liner	<u>      </u>	Stroke Len	<u>      </u>	SPM	<u>      </u>	PSI	<u>      </u>	GPM	<u>      </u>	SPR	<u>60</u>	Slow PSI	<u>—</u>
BHA Makeup	STEARABLE											Hours on BHA	<u>0</u>
Up Weight	<u>140,000</u>	Dn Weight	<u>85,000</u>	RT Weight	<u>105,000</u>			Length	<u>796.4</u>			Hours on Motor	<u>0</u>
								Torque	<u>11,500</u>				

BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	DRILL BIT	7.875		1.00		JH3423	MDSI616
2	MUD MOTOR	6.500	0.000	31.48		6173	1.5 DEG FBH 7/8 3.0STG. .20REV
3	18JTS HWDP	4.500	2.750	548.65		RIG	4.5 XH P x B
4	DRILLING JARS	6.375	2.250	32.47		42259G	4.5 XH P x B(SMITH)HE JARS (RUN 2)
5	6JTS HWDP	4.500	2.750	182.79		RIG	4.5 XH P x B

DAILY COSTS

	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		11,489	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa	630	3,366	7,500
8100..320: Mud & Chemicals	7,495	32,692	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	19,425	124,202	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel	11,325	21,058	40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers	13,140	13,140	15,500	8100..500: Roustabout Services	3,985	5,035	7,000
8100..510: Testing/Inspection/		3,671	5,000	8100..520: Trucking & Hauling	190	453	10,000
8100..530: Equipment Rental	3,260	15,210	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi	425	1,983	7,000	8100..535: Directional Drillin	8,150	43,995	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		18,631	20,000
8100..605: Cementing Work		32,453	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	4,800	22,400	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	8,011	37,356		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing		105,334	94,000
8210..620: Wellhead/Casing Hea		6,889	20,000	Total Cost	80,836	499,357	717,000

ULTRA RESOURCES, INC.  
DAILY DRILLING REPORT DATE: 10/26/2014

WELL NAME	THREE RIVERS 32-44-720			AFE#	140976		SPUD DATE	10/21/2014	
WELL SITE CONSULTANT	J.MEJORADO/J.MEJORADO			PHONE#	713-948-9196		CONTRACTOR	Ensign 122	
TD AT REPORT	7,192'	FOOTAGE	335'	PRATE	51.5	CUM. DRLG. HRS	80.5	DRLG DAYS SINCE SPUD	5
ANTICIPATED TD	7,218'	PRESNET OPS	Logging at 7,192'						
DAILY MUD LOSS	SURF:	0	DH:	60	CUM. MUD LOSS	SURF:	0	DH:	700
MUD COMPANY:	ANCHOR			MUD ENGINEER:	SEAN LEHNEN				
LAST BOP TEST	10/21/2014	NEXT CASING SIZE	5 1/2	NEXT CASING DEPTH	7,178	SSE	0	SSED	0

TIME BREAKDOWN									
COND MUD & CIRCULATE	3.00	DIRECTIONAL DRILLING	6.50	TRIPPING	7.00				
WIRELINE	7.50								

DETAILS			
Start	End	Hrs	
06:00	07:30	01:30	CONTINUE TRIP IN HOLE FROM 6000' TO 6857' FILLING @ 6500' AND WASHING LAST 150' TO BOTTOM
07:30	08:30	01:00	SHAKERS WOULDN'T HANDLE DRILLING PUMP RATE & TRANSFERING FLUID IN OVER SHAKERS - CIRCULATE & FILL SUCTION TANKS WITH CLEAN MUD
08:30	15:00	06:30	DIRECTIONAL DRILLING FROM 6857' TO 7192'(TD) 335' 44.6 FT/HR GPM=440, TOP DRIVE RPM=50, MOTOR RPM=88, TOTAL RPM=138, OFF BOTTOM PRESSURE=1775 PSI, DIFF PRESSURE=200-350 PSI, WOB=20-25K, TQ=9,200 FT/LBS, MUD WT 9.7, VIS 37
15:00	16:00	01:00	PUMP 20BBL HIGH VIS SWEEP & CIRCULATE HOLE CLEAN
16:00	17:00	01:00	WIPER TRIP FROM 7192' TO 6800'
17:00	18:00	01:00	PUMP 20BBL HIGH VIS SWEEP & CIRCULATE HOLE CLEAN
18:00	22:30	04:30	TRIP OUT OF HOLE FROM 7192' TO 0'
22:30	06:00	07:30	R/U HALLIBURTON WIRELINE, SAFETY MEETING AND LOG WELL. FIRST LOG RUN, LINE SPEED DOWN 200 FPM, LINE SPEED UP 60 FPM / LOGGERS DEPTH 7172',TOOLS- RELEASABLE WIRELINE CABLE HEAD,GAMMA TELEMTRY, DUEL SPACE NEUTRON, DNS DECENTRALIZER, SPECTRAL DENSITY TOOL,DENSITY INSITE PAD, ARRAY COMPENSATED TRUE RESISTIVITY INSTRUMENT SECTION, ARRAY COMPENSATED RESISTIVITY SONDE SECTION, HOLE FINDER - SECONG LOG RUN LINE SPEED DOWN 200 FPM, LONE SPEED UP 25 FPM - LOGGERS DEPTH 7172' LOG UP TO 4854' (TOP OF THE MAHOGANY) - TOOLS - RELEASABLE WIRELINE CABLE HEAD,GAMMA TELEMTRY,WAVE SONIC INSITE,XRMI NAVIGATION,XRMI IMAGER,HOLE FINDER
05:55	05:55	00:00	SAFETY MEETING DAYS:PPE, SWA, TRIPPING PIPE SAFETY MEETING NIGHTS: PPE, SWA, TRIPPIG PIPE, LOGGING REGULATORY VISITS: NONE. INCIDENTS: NONE. SAFETY DRILLS: NONE REGULATORY NOTICES:NONE. DRILLS: NONE. DAYLIGHT: 5 CREW MEMBERS NIGHTS: 5 CREW MEMBERS

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

FUEL AND WATER USAGE						
Fluid	Used	Received	Transferred	On Hand	Cum.Used	
Fuel	1,120.0	0.0	0.0	2,450.0	8,560.0	
Gas						
Fresh Well Water						
Nano Water						
Frac Water						
Reserve Pit Water						
Boiler Hours						
Air Heater Hours						
Urea				0.0		
Urea Sys 1 Hrs						
Urea Sys 2 Hrs						
Urea Sys 3 Hrs						

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	09/26/2014	8 5/8	J-55	24	1,004		
Conductor	09/07/2014	16	ARJ-55	45	120		

RECENT BITS:											
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R		
2	7.875	SMITH	MDSI616	JH3423	16/16/16/16/16		6,857	7,192	0-0-NO--X-X-NO-TD		
1	7.875	STC	MSDI516	JJ5062	12/12/12/12/12	0.552	1,017	6,857	3-3-BT-A-X-1/16-LT-DMF		

BIT OPERATIONS:											
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
2		50/88	440	1,775	0.68	6.50	335	51.54	6.50	335	51.54
1		40/145	440	2,450	3.12	18.50	807	43.62	66.00	5,840	88.48

RECENT MUD MOTORS:											
#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT		
2	6.500	HUNTING		6173	7/8	6,857	7,192	10/25/2014	10/25/2014		
1	6.500	HUNTING	ARROW	6303	7/8	1,017	6,857	10/21/2014	10/24/2014		

MUD MOTOR OPERATIONS:											
#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP			
2	22	0.20	6.50	335	51.54	6.50	335	51.54			
1	25	0.33	18.50	807	43.62	66.00	5,840	88.48			

SURVEYS											
Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type		
10/24/2014	6,774	2.6	169.84	6,508	1,128.3	827.60	767.23	0.4	MWD Survey Tool		
10/24/2014	6,683	2.3	164.38	6,417	1,130.6	831.40	766.37	0.1	MWD Survey Tool		
10/24/2014	6,593	2.3	167.24	6,327	1,132.6	834.90	765.49	0.1	MWD Survey Tool		

MUD PROPERTIES											
Type	LSND	Mud Wt	9.8	Alk.	1.0	Sand %	0.0	XS Lime lb/bbl			
Temp.	101	Gels 10sec	1	Cl ppm	1,350	Solids %	8.0	Salt bbls			
Visc	42	Gels 10min	7	Ca ppm	40	LGS %	5.0	LCM ppb	0.0		
PV	13	pH	10.2	pF	0.6	Oil %		API WL cc	6.0		
YP	9	Filter Cake/32	1	Mf	2.4	Water %	90.0	HTHP WL cc			
O/W Ratio		ES		WPS							

Comments: ANCO-BAR 82, CEDAR FIBER 1, DRISPAC R 3, MICA 3, LIME 7, PHPA 1, SAWDUST 50, WALNUT 2, MEGA-CIDE 3, PAC-LV 2, TRAILER-1, ENGINEERING-1.

Flaring:	Flare Foot-Minutes	0	Flared MCF	0.0	Cum. Flared MCF	0.0
----------	--------------------	---	------------	-----	-----------------	-----

SURFACE PUMP/BHA INFORMATION

Pump 1 Liner	<u>6.5</u>	Stroke Len	<u>9.0</u>	SPM	<u>125</u>	PSI	<u>2,450</u>	GPM	<u>444</u>	SPR	<u>43</u>	Slow PSI	<u>357</u>
Pump 2 Liner	<u>6.5</u>	Stroke Len	<u>9.0</u>	SPM	<u>      </u>	PSI	<u>      </u>	GPM	<u>      </u>	SPR	<u>      </u>	Slow PSI	<u>—</u>
Pump 32 Liner	<u>      </u>	Stroke Len	<u>      </u>	SPM	<u>      </u>	PSI	<u>      </u>	GPM	<u>      </u>	SPR	<u>60</u>	Slow PSI	<u>      </u>
BHA Makeup	STEARABLE											Hours on BHA	<u>7</u>
Up Weight	<u>140,000</u>	Dn Weight	<u>85,000</u>	RT Weight	<u>105,000</u>			Length	<u>796.4</u>			Hours on Motor	<u>7</u>
								Torque	<u>11,500</u>				

BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	DRILL BIT	7.875		1.00		JH3423	MDSI616
2	MUD MOTOR	6.500	0.000	31.48		6173	1.5 DEG FBH 7/8 3.0STG. .20REV
3	18JTS HWDP	4.500	2.750	548.65		RIG	4.5 XH P x B
4	DRILLING JARS	6.375	2.250	32.47		42259G	4.5 XH P x B(SMITH)HE JARS (RUN 2)
5	6JTS HWDP	4.500	2.750	182.79		RIG	4.5 XH P x B

DAILY COSTS

	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		11,489	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa	3,366	7,500	
8100..320: Mud & Chemicals	4,807	37,499	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	19,425	143,627	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel		21,058	40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers		13,140	15,500	8100..500: Roustabout Services	5,035	7,000	
8100..510: Testing/Inspection/		3,671	5,000	8100..520: Trucking & Hauling	453	10,000	
8100..530: Equipment Rental	3,260	18,470	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi	425	2,408	7,000	8100..535: Directional Drillin	43,995	76,000	
8100..540: Fishing				8100..600: Surface Casing/Inte	18,631	20,000	
8100..605: Cementing Work		32,453	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	4,800	27,200	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	3,599	40,955		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/		2,000	
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental		37,500	
8200..605: Cementing Work			25,000	8210..600: Production Casing		105,334	94,000
8210..620: Wellhead/Casing Hea		6,889	20,000	Total Cost	36,316	535,673	717,000



ULTRA RESOURCES, INC.  
DAILY DRILLING REPORT DATE: 10/27/2014

WELL NAME	THREE RIVERS 32-44-720			AFE#	140976	SPUD DATE	10/21/2014	
WELL SITE CONSULTANT	J.MEJORADO/J.MEJORADO			PHONE#	713-948-9196	CONTRACTOR	Ensign 122	
TD AT REPORT	7,192'	FOOTAGE	0'	PRATE	CUM. DRLG. HRS	80.5	DRLG DAYS SINCE SPUD	6
ANTICIPATED TD	7,218'	PRESNET OPS	Move rig off location at 7,192'			GEOLOGIC SECT.		
DAILY MUD LOSS	SURF:	0	DH:	30	CUM. MUD LOSS	SURF:	0	DH: 730
MUD COMPANY:	ANCHOR			MUD ENGINEER:	SEAN LEHNEN			
LAST BOP TEST	10/21/2014	NEXT CASING SIZE	5 1/2	NEXT CASING DEPTH	7,178	SSE	0	SSED 0

TIME BREAKDOWN	CASING & CEMENT	9.00	COND MUD & CIRCULATE	1.00	NIPPLE DOWN B.O.P.	2.00
	OTHER	8.50	WIRELINE	3.50		

DETAILS				
Start	End	Hrs		
06:00	09:30	03:30	CONTINUE LOGGING	
09:30	16:00	06:30	R/U AND RUN 46 JOINTS 5 1/2" N-80 AND 117 JOINTS 5 1/2" J-55, 17#, LT&C CASING + 2 MARKER JOINTS +FLOAT SHOE AND FLOAT COLLAR. THREAD LOCK FIRST TWO JOINTS - RUN CENTRALIZERS ON FIRST 4 JOINTS THEN EVERY 3RD TO SURFACE CASING - CASING SET @ 7178' RKB.	
			PULL ROTATING HEAD - MAKE UP LANDING JOINT AND MANDREL & LAND CASING	
16:00	16:30	00:30	CIRCULATE & RIG UP HALLIBURTON	
16:30	17:30	01:00	SAFETY MEETING WITH HALLIBURTON - WITNESS TOP PLUG LOADED - RIG UP CEMENTERS - TEST LINES TO 5000 PSI - PUMP 50 BBLS 10.5 PPG TUNED SPACER, 146 BBLS 235 SACKS 11 PPG 3.5 YIELD LEAD CEMENT MIXED @ 20.92 GAL/SK, 120 BBLS 500 SKS 14 PPG 1.35 YIELD TAIL CEMENT MIXED @ 5.82 GAL/SK, SHUT DOWN WASH LINES DROP PLUG AND DISPLACE WITH 165.7 BBLS FRESH WATER - FINAL CIRCULATING PRESSURE 1550PSI BUMP PLUG AND HOLD 2100 PSI FOR TWO MINUTES - RELEASE PRESSURE FLOATS HELD - RETURNS SLOWED WITH 50 BBLS LEFT OF DISPLACEMENT - 0 BBLS CEMENT TO SURFACE - RIG DOWN	
17:30	20:00	02:30	NIPPLE DOWN BOP	
20:00	22:00	02:00	CLEAN MUD TANKS WHILE RIGGING DOWN FOR IN FIELD MOVE - RIG RELEASED @ 0600 10/27/2014	
22:00	06:00	08:00		

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

FUEL AND WATER USAGE	Used	Received	Transferred	On Hand	Cum.Used
Fluid					
Fuel	385.0	0.0	2,065.0	0.0	8,945.0
Gas					
Fresh Well Water					
Nano Water					
Frac Water					
Reserve Pit Water					
Boiler Hours					
Air Heater Hours					
Urea				0.0	
Urea Sys 1 Hrs					
Urea Sys 2 Hrs					
Urea Sys 3 Hrs					

CASING EQUIPMENT  
R/U, MAKE UP SHOE AND FLOAT, AND RUN 46 JOINTS OF 5.5" 17 # N-80 PRODUCTION CASING, 1 MARKER JOINT SET AT 3651', 117 JOINTS OF 5.5" 17# J-55 PRODUCTION CASING, 1 MARKER SET AT 5150', 45 CENTRALIZERS.

CEMENT JOB SUMMARY  
SAFETY MEETING WITH HALLIBURTON - WITNESS TOP PLUG LOADED - RIG UP CEMENTERS - TEST LINES TO 5000 PSI - PUMP 50 BBLS 10.5 PPG TUNED SPACER, 146 BBLS 235 SACKS 11 PPG 3.5 YIELD LEAD CEMENT MIXED @ 20.92 GAL/SK, 120 BBLS 500 SKS 14 PPG 1.35 YIELD TAIL CEMENT MIXED @ 5.82 GAL/SK, SHUT DOWN WASH LINES DROP PLUG AND DISPLACE WITH 165.7 BBLS FRESH WATER - FINAL CIRCULATING PRESSURE 1550PSI BUMP PLUG AND HOLD 2100 PSI FOR TWO MINUTES - RELEASE PRESSURE FLOATS HELD - RETURNS SLOWED WITH 50BBLS LEFT OF DISPLACEMENT - 0 BBLS CEMENT TO SURFACE - RIG DOWN

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Production	10/27/2014	5 1/2	N-80	17	7,178		
Production	10/27/2014	5 1/2	J-55	17	5,168		
Surface	09/26/2014	8 5/8	J-55	24	1,004		
Conductor	09/07/2014	16	ARJ-55	45	120		

RECENT BITS:										
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R	
2	7.875	SMITH	MDSI616	JH3423	16/16/16/16/16		6,857	7,192	0-0-NO--X-X-NO-TD	
1	7.875	STC	MSDI516	JJ5062	12/12/12/12/12	0.552	1,017	6,857	3-3-BT-A-X-1/16-LT-DMF	

BIT OPERATIONS:											
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
2		50/88	440	1,775	0.68	6.50	335	51.54	6.50	335	51.54
1		40/145	440	2,450	3.12	18.50	807	43.62	66.00	5,840	88.48

RECENT MUD MOTORS:										
#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT	
2	6.500	HUNTING		6173	7/8	6,857	7,192	10/25/2014	10/25/2014	
1	6.500	HUNTING	ARROW	6303	7/8	1,017	6,857	10/21/2014	10/24/2014	

MUD MOTOR OPERATIONS:										
#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP		
2	22	0.20	6.50	335	51.54	6.50	335	51.54		
1	25	0.33	18.50	807	43.62	66.00	5,840	88.48		

SURVEYS										
Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type	
10/24/2014	6,774	2.6	169.84	6,508	1,128.3	827.60	767.23	0.4	MWD Survey Tool	
10/24/2014	6,683	2.3	164.38	6,417	1,130.6	831.40	766.37	0.1	MWD Survey Tool	
10/24/2014	6,593	2.3	167.24	6,327	1,132.6	834.90	765.49	0.1	MWD Survey Tool	

MUD PROPERTIES										
Type	LSND	Mud Wt	9.8	Alk.	1.0	Sand %	0.0	XS Lime lb/bbl		
Temp.	101	Gels 10sec	1	Cl ppm	1,350	Solids %	8.0	Salt bbls		
Visc	39	Gels 10min	6	Ca ppm	40	LGS %	5.0	LCM ppb	0.0	
PV	12	pH	10.2	pF	1.0	Oil %		API WL cc	6.4	
YP	8	Filter Cake/32	1	Mf	2.0	Water %	90.0	HTHP WL cc		
O/W Ratio		ES		WPS						
Comments:	SAWDUST 25, MEGA-CIDE 4, TRAILER-1, ENGINEERING-1.									

Flaring:	Flare Foot-Minutes	0	Flared MCF	0.0	Cum. Flared MCF	0.0
----------	--------------------	---	------------	-----	-----------------	-----

SURFACE PUMP/BHA INFORMATION

Pump 1 Liner	<u>6.5</u>	Stroke Len	<u>9.0</u>	SPM	<u>125</u>	PSI	<u>2,450</u>	GPM	<u>444</u>	SPR	<u>43</u>	Slow PSI	<u>357</u>	
Pump 2 Liner	<u>6.5</u>	Stroke Len	<u>9.0</u>	SPM	<u>      </u>	PSI	<u>      </u>	GPM	<u>      </u>	SPR	<u>      </u>	Slow PSI	<u>      </u>	
Pump 32 Liner	<u>      </u>	Stroke Len	<u>      </u>	SPM	<u>      </u>	PSI	<u>      </u>	GPM	<u>      </u>	SPR	<u>60</u>	Slow PSI	<u>      </u>	
BHA Makeup	STEARABLE							Length	<u>796.4</u>	Hours on BHA				<u>7</u>
Up Weight	<u>140,000</u>	Dn Weight	<u>85,000</u>	RT Weight	<u>105,000</u>	Torque			<u>11,500</u>			Hours on Motor		<u>7</u>

BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	DRILL BIT	7.875		1.00		JH3423	MDSI616
2	MUD MOTOR	6.500	0.000	31.48		6173	1.5 DEG FBH 7/8 3.0STG. .20REV
3	18JTS HWDP	4.500	2.750	548.65		RIG	4.5 XH P x B
4	DRILLING JARS	6.375	2.250	32.47		42259G	4.5 XH P x B(SMITH)HE JARS (RUN 2)
5	6JTS HWDP	4.500	2.750	182.79		RIG	4.5 XH P x B

DAILY COSTS

	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		11,489	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa		3,366	7,500
8100..320: Mud & Chemicals	1,704	39,203	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	19,425	163,052	127,000	8100..402: Drilling Rig Cleani	4,445	4,445	
8100..405: Rig Fuel		21,058	40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers		13,140	15,500	8100..500: Roustabout Services		5,035	7,000
8100..510: Testing/Inspection/		3,671	5,000	8100..520: Trucking & Hauling		453	10,000
8100..530: Equipment Rental	3,260	21,730	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi	425	2,833	7,000	8100..535: Directional Drillin		43,995	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		18,631	20,000
8100..605: Cementing Work		32,453	25,000	8100..610: P & A			
8100..700: Logging - Openhole	40,654	40,654	15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	4,800	32,000	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	12,165	53,120		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work	40,327	40,327	25,000	8210..600: Production Casing		105,334	94,000
8210..620: Wellhead/Casing Hea		6,889	20,000	Total Cost	127,205	662,878	717,000

3000psi - 5000psi  
system

DATE: 10-20-2014

COMPANY: Ultra Res

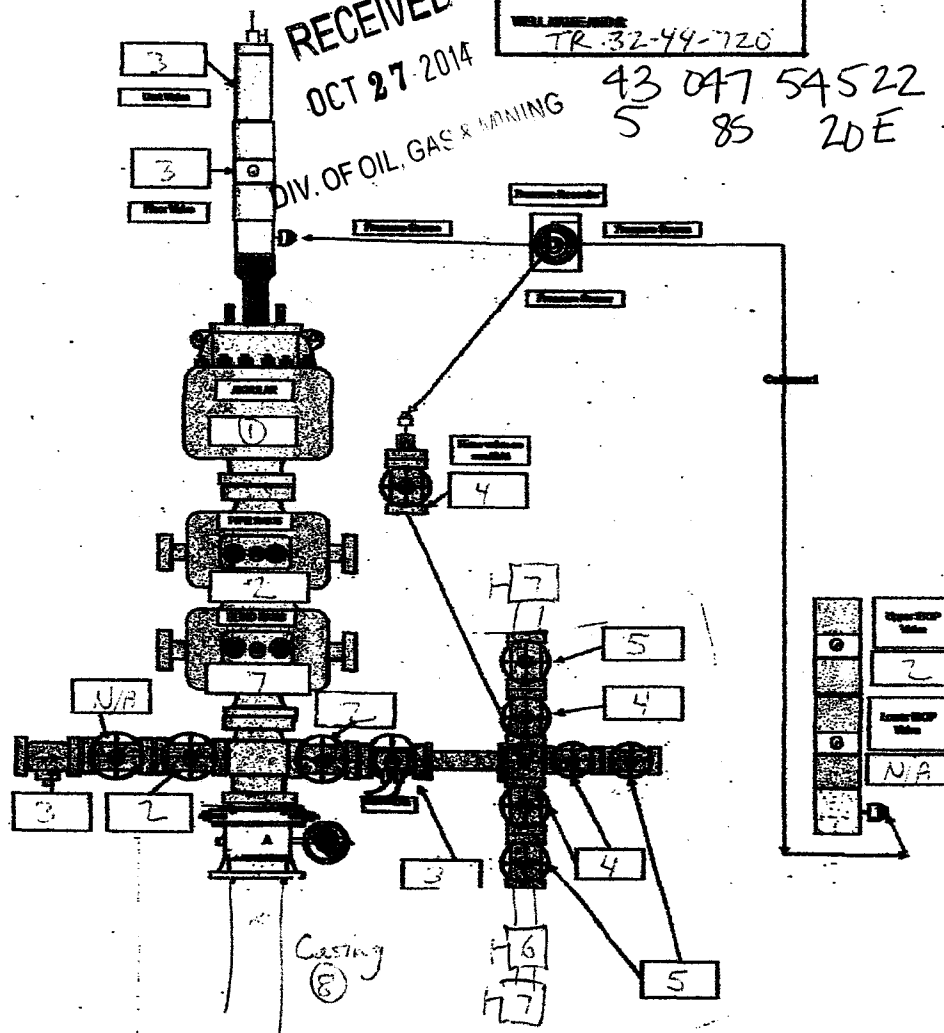
CONTRACTOR: Ensign 122

WELL IDENTIFIER:  
TR 32-44-720

RECEIVED  
OCT 27 2014

DIV. OF OIL, GAS & MINING

43 047 54522  
5 85 20E



DATE: 10-20-2014

# ACCUMULATOR FUNCTION TEST

WELL: TR 32-44-720

TO CHECK THE USABLE FLUID STORED IN THE NITROGEN BOTTLES ON THE  
ACCUMULATOR (OO #2 III.A.2.c.i. or ii or iii)

1. Make sure all rams and annular are open and if applicable HCR is closed
2. Ensure accumulator is pumped up to working pressure! (Shut off all pumps)
3. Open HCR valve. (if applicable)
4. Close annular.
5. Close all pipe rams.
6. Open one set of pipe rams to simulate closing the blind rams.
7. If you have a 3 Ram stack open the annular to achieve the 50 +/- % safety factor for 5M and greater systems.
8. Accumulator pressure should be 200 psi over precharge pressure  
(Accumulator working pressure (1,500 psi = 750 desired psi)  
(2,000 and 3,000 psi = 1,000 desired psi)).

9. RECORD THE REMAINING PRESSURE 1,550 PSI

If annular is closed, open it at this time and close HCR.

TO CHECK THE CAPACITY OF THE ACCUMULATOR PUMPS (OO #2 III.A.2.f.)

Shut the accumulator bottles or spherical (isolate them from the pumps & manifold) open the bleed off valve to the tank (Manifold psi should go to zero psi) close bleed valve.

1. Open the HCR valve. (if applicable)
2. Close annular.
3. With pumps only, time how long it takes to re- gain manifold pressure to 200 psi over desired precharge pressure! (Accumulator working pressure (1,500 psi = 750 psi desired psi) (2,000 and 3,000 psi = 1,000 desired psi)).

4. RECORD ELAPSED TIME 1 min 29 sec PSI (2 minutes or less)

TO CHECK THE PRECHARGE ON THE BOTTLES OR SPHERICAL (OO #2 III.A.2.d.)

1. Open bottles back up to the manifold (pressure should be above the desired precharge pressure (1,500 psi = 750 psi desired psi) (2,000 and 3,000 psi = 1,000 desired psi)) may need to use pumps to pressure back up.
2. With power to pumps shut off open bleed line to tank.
3. Watch and record where the pressure drops (Accumulator psi).

4. RECORD THE PRESSURE DROP 900 PSI

If pressure drops below MINIMUM precharge (Accumulator working pressure (1,500 psi = 700 psi minimum) (2,000 and 3,000 psi = 900 psi minimum)) each bottle shall be independently checked with a guage.

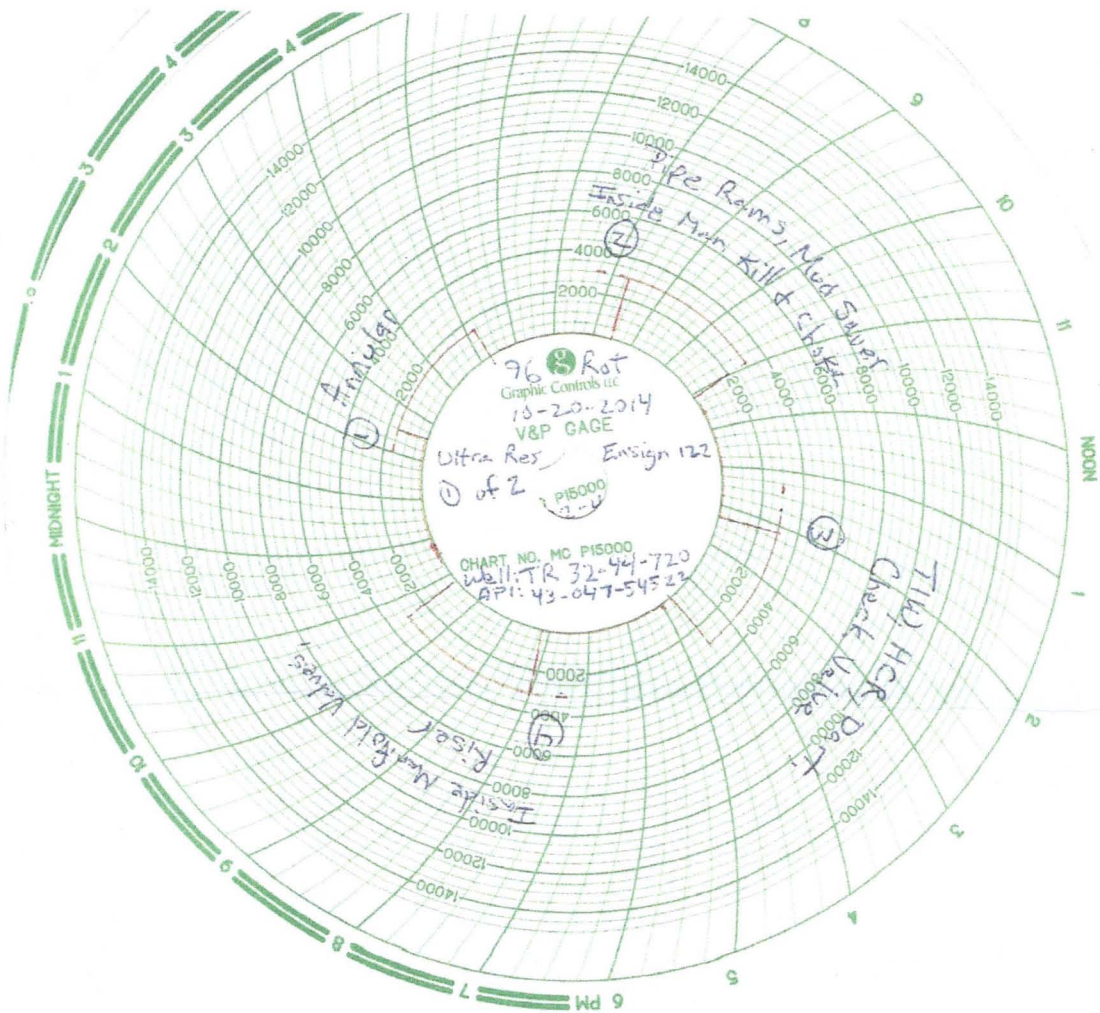
DATE: 10-20-14 COMPANY: Ultra Res. INC. Ensign 122 WELL NAME & #: TR 32-44-720

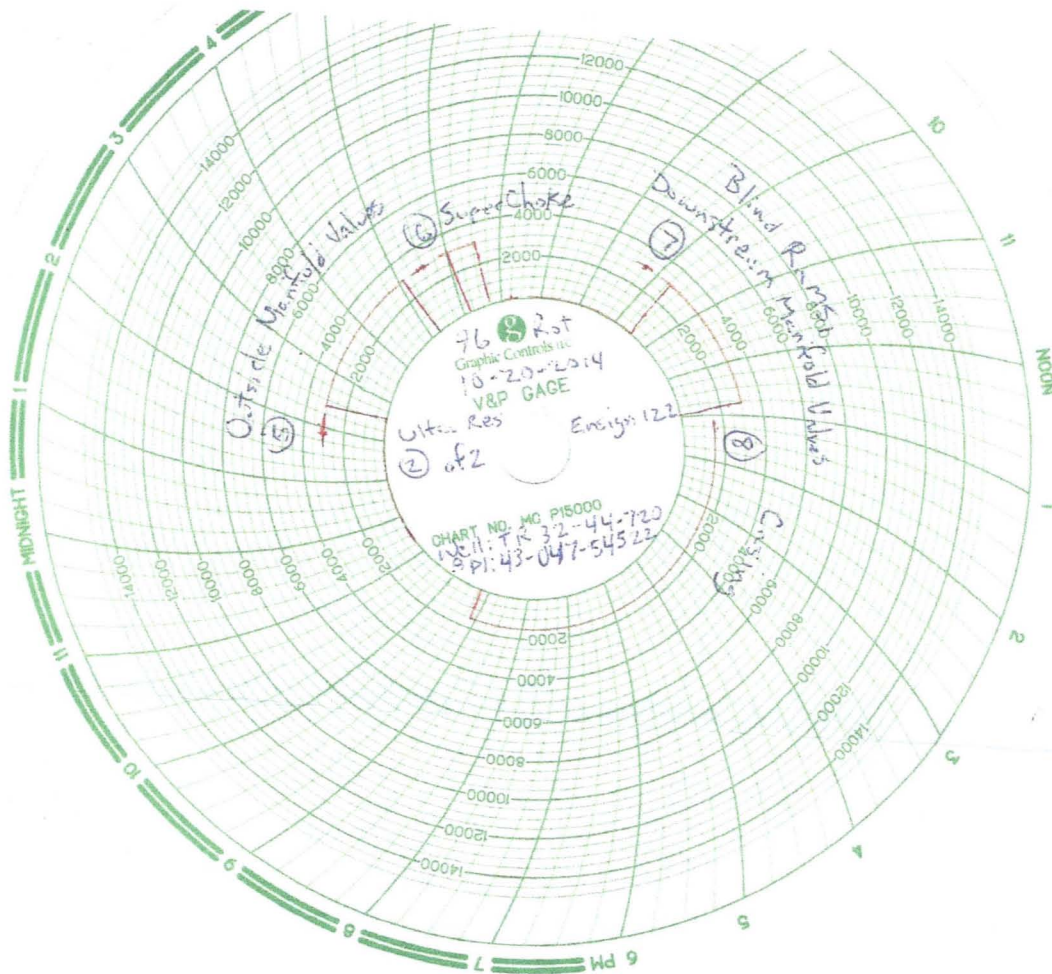
Time	Test No.	Results
7:58 AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	1	Annular Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
8:20 AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	2	Pipe Ram, Mud Saver, Inside Man Kill & Choke. Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
8:51 AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	3	TIW, HCR, Check Valve, Duct. Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
9:23 AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	4	Inside Manifold Valves, Riser Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
9:50 AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	5	Outside Manifold Valves Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
10:16 AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	6	Super Choke Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
10:35 AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	7	Blind Ram, Downstream Manifold Valves Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
11:16 AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	8	Casing Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	9	Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	10	Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	11	Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	12	Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	13	Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	14	Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	Retest	Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	Retest	Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	Retest	Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	Retest	Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	Retest	Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	Retest	Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	Retest	Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>

Acc. Tank Size (inches) ( W D U ÷ 231 = gal

Rock Springs, WY (307) 382-3350  
 BOP TESTING, CASING TESTING, LEAK OFF TESTING, &  
 INTEGRITY TESTING  
 NIPPLE UP CREWS, NITROGEN CHARGING SERVICE







1460

**WALKER INSPECTION, LLC.**  
**REBEL TESTING • EAGER BEAVER TESTERS**  
 WYOMING • COLORADO • NORTH DAKOTA

**Daily JSA/Observation Report**

OPERATOR: Ultra Res  
 LOCATION: TR 32-44-720  
 EMPLOYEE NAME: Dustin Redmond

DATE: 10-20-2014  
 CONTRACTOR: Ensign 122

- ☒ High Pressure Testing  
☒ Working Below Platform  
☒ Requires PPE  
☒ Overhead Work is Occurring  
☐ Confined Spaces are Involved  
☐ Set up of Containment  
☒ Using Rig Hoist to Lift Tools  
☐ Other: \_\_\_\_\_

COMMENTS: Safety observed.

SIGNATURE: [Signature]

DATE: 10-20-2014

WALKER INSPECTION, LLC. AND AFFILIATES

ATTENDANCE:

<u>[Signature]</u>		
<u>[Signature]</u>		
<u>[Signature]</u>		
<u>[Signature]</u>		
<u>[Signature]</u>		

**Observation Report**

EMPLOYEE REPORTING: Dustin Redmond SIGNATURE: [Signature]

Was job set up and performed correctly and to best of companies ability? ☒ Y ☐ N

Was all safety equipment used correctly by all involved? ☒ Y ☐ N

Any incidents or near misses to report about WI? Y ☒ N

Any incidents or near misses to report in general? Y ☒ N

Any spills or environmental issues to report? Y ☒ N

Basic Comments: \_\_\_\_\_

CONFIDENTIAL

BLM - Vernal Field Office - Notification Form

\_Submitted By JARED MEJORADO Phone Number 713-948-9196  
Well Name/Number Three Rivers 32-44-720  
Qtr/Qtr NW/NE Section 5 Township ~~7~~8S Range ~~1~~20E  
Lease Serial Number FEE  
API Number 43-047-54522

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time \_\_\_\_\_ AM ☐ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☐ Surface Casing
- ☐ Intermediate Casing
- ☒ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 10/24/2014 10:00 AM ☒ PM ☐

BOPE

- ☐ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

Date/Time \_ \_ AM ☐ PM ☐

Remarks If you have any questions please call.

---

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: Three Rivers 32-44-720	
2. NAME OF OPERATOR: ULTRA RESOURCES INC		9. API NUMBER: 43047545220000
3. ADDRESS OF OPERATOR: 304 Inverness Way South #295, Englewood, CO, 80112	PHONE NUMBER: 303 645-9809 Ext	9. FIELD and POOL or WILDCAT: THREE RIVERS
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0170 FNL 1450 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 05 Township: 08.0S Range: 20.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input checked="" type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/17/2014			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

First Production occurred on the TR32-44-720 on 11/17/2014.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 December 09, 2014

NAME (PLEASE PRINT) Jenna Anderson	PHONE NUMBER 303 645-9804	TITLE Permitting Assistant
SIGNATURE N/A		DATE 12/2/2014



**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8  
(highlight changes)

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	OTHER <input type="checkbox"/>
b. TYPE OF WORK:		NEW WELL <input checked="" type="checkbox"/>	HORIZ. LATS. <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	RE-ENTRY <input type="checkbox"/>
			DIFF. RESVR. <input type="checkbox"/>	OTHER <input type="checkbox"/>	
2. NAME OF OPERATOR: Ultra Resources, Inc.					
3. ADDRESS OF OPERATOR: 304 Inverness Way So. CITY Englewood STATE CO ZIP 80112				PHONE NUMBER: (303) 645-9804	
4. LOCATION OF WELL (FOOTAGES)					
AT SURFACE: 170 FNL 1450 FEL 40.158286 109.688381					
AT TOP PRODUCING INTERVAL REPORTED BELOW: 652 FSL 672 FEL 40.160551 109.685634					
AT TOTAL DEPTH: 635 FSL 669 FEL 40.160503 109.685623					
5. LEASE DESIGNATION AND SERIAL NUMBER: UT034					
6. IF INDIAN, ALLOTTEE OR TRIBE NAME					
7. UNIT or CA AGREEMENT NAME					
8. WELL NAME and NUMBER: Three Rivers 32-44-720					
9. API NUMBER: 4304754522					
10 FIELD AND POOL, OR WILDCAT THREE RIVERS					
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 5 8S 20E					
12. COUNTY Uintah				13. STATE UTAH	

14. DATE SPURRED: 9/7/2014	15. DATE T.D. REACHED: 10/25/2014	16. DATE COMPLETED: 11/28/2014	ABANDONED <input type="checkbox"/>	READY TO PRODUCE <input checked="" type="checkbox"/>	17. ELEVATIONS (DF, RKB, RT, GL): GL
18. TOTAL DEPTH: MD 7,192 TVD 6,971	19. PLUG BACK T.D.: MD 7,176 TVD 6,955	20. IF MULTIPLE COMPLETIONS, HOW MANY? *		21. DEPTH BRIDGE MD PLUG SET: TVD	
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)  Triple Combo, CBL			23.		
			WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis)		
			WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report)		
			DIRECTIONAL SURVEY? NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> (Submit copy)		

### 24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
24	16 arj55	45	0	120				0	
12 1/4	8 5/8 J-55	24	0	1,004		675		0	
7 7/8	5 1/2 J-55	17	0	5,168		735		0	
7 7/8	5 1/2 J-55	17	5,168	7,178		735		0	

### 25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	7,130							

### 26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Lower GR	6,803	7,078			6,803 7,078		111	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

### 27. PERFORATION RECORD

### 28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

WAS WELL HYDRAULICALLY FRACTURED? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		IF YES - DATE FRACTURED: 11/11/2014
DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL	
6803 to 7078	Fracture/Stimulate 2 Stages	

29. ENCLOSED ATTACHMENTS:	30. WELL STATUS:
<input checked="" type="checkbox"/> ELECTRICAL/MECHANICAL LOGS <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION <input type="checkbox"/> GEOLOGIC REPORT <input type="checkbox"/> CORE ANALYSIS <input type="checkbox"/> DST REPORT <input checked="" type="checkbox"/> OTHER:	POW

**31. INITIAL PRODUCTION****INTERVAL A (As shown in item #26)**

DATE FIRST PRODUCED: <b>11/17/2014</b>	TEST DATE: <b>12/6/2014</b>	HOURS TESTED: <b>24</b>	TEST PRODUCTION RATES: →	OIL – BBL: <b>4</b>	GAS – MCF: <b>4</b>	WATER – BBL: <b>13</b>	PROD. METHOD: <b>Gas Pumping</b>
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

**INTERVAL B (As shown in item #26)**

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

**INTERVAL C (As shown in item #26)**

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

**INTERVAL D (As shown in item #26)**

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

**32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)**

Used on lease

**33. SUMMARY OF POROUS ZONES (Include Aquifers):**

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

**34. FORMATION (Log) MARKERS:**

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Upper Green River	3,050
				Mahogany	4,561
				Lower Green River	5,318
				Wasatch	7,078

**35. ADDITIONAL REMARKS (Include plugging procedure)**

Frac material used: 2000 gal HC1 Acid, 78823 gal FR-66 Water, 60856 gal DeltaFrac Fluid, 114107 lbs White Sand

**36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.**NAME (PLEASE PRINT) Mariah DayTITLE Permitting AgentSIGNATURE DATE 12/16/2014

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- re completing to a different producing formation
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

☐ Proposed  
☒ As Is

**THREE RIVERS 32-44-720**      **GL: 4,779.0, KB: 4,791.5**  
**Sec 5, 8S, 20E**      **Uintah County, Utah**

	Size	Weight	Grade	Depth	Sks/Cmt
<b>Conductor</b>	16	45	ARJ-55	120	
<b>Surface</b>	8 5/8	24	J-55	1004	675
<b>Production</b>	5 1/2	17	J-55	5168	735
<b>Production</b>	5 1/2	17	N-80	7178	735
<b>Tubing</b>				7126	
<b>Cement Top</b>				0	

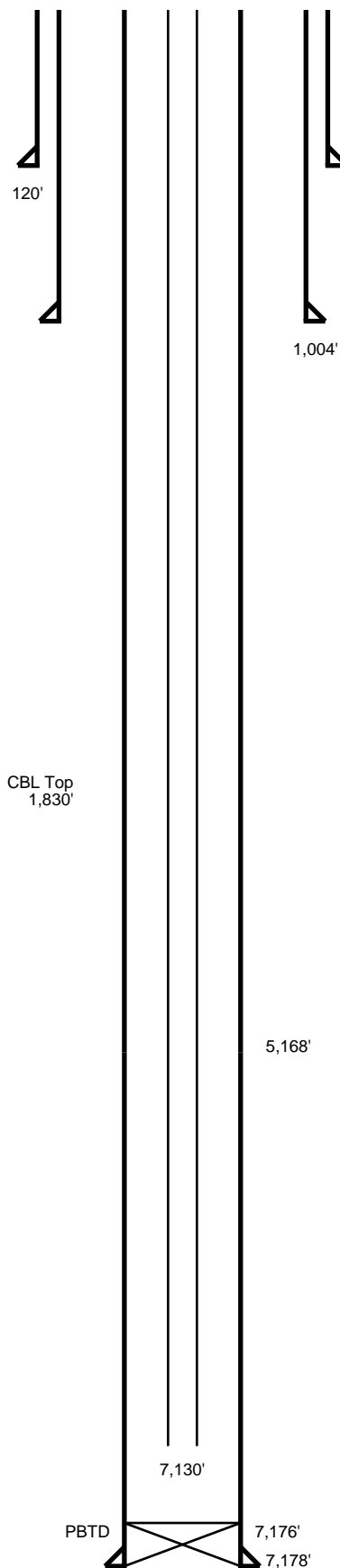
STAGE	ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5	ZONE 6	ZONE 7
1	7077-7078	7072-7073	7060-7061	7007-7008	6993-6994	6985-6986	6970-6971
2	6872-6873	6871-6872	6867-6868	6866-6867	6861-6862	6860-6861	6854-6856

Stage	Date	Av.Rate	Av.Press	Proppant	CleanFluid	Tracer	Screenout
1	11/13/2014	44.0	2.939	114,107	3,370		Y
2	11/13/2014	12.0	2.218		290		N
Totals:				114,107	3,660		

Actual Formation or Depth	Top	Sand Type	Amount
		Gross Sand Drilled	
		Gross Sand Logged	
		Net Sand	
		Net Pay	

Move In	Spud Date	TD Date	Rig Release	1st Prod	Full Sales
09/25/2014	10/21/2014	10/25/2014	10/27/2014	11/17/2014	

Tbg Date	Depth	OD	ID	Weight	Grade	Thread	Csg Size	1st Jt	# Joints	Coil
11/28/2014	7,126.000						5.5			N
11/28/2014	16.000						5.5			N





# ULTRA RESOURCES, INC

Location: Three Rivers Slot: Three Rivers 32-44-720 (170' FNL &amp; 1450' FEL) Sec 5

Field: UTAH COUNTY Well: Three Rivers 32-44-720

Facility: Sec.05-T8S-R20E Wellbore: Three Rivers 32-44-720 PWB

Plot reference wellpath is Three Rivers 32-44-720 PWB

True vertical depths are referenced to Ensign 122 (RT)

Measured depths are referenced to Ensign 122 (RT)

Ensign 122 (RT) to Mean Sea Level: 4792 feet

Mean Sea Level to Mud line (At Slot: Three Rivers 32-44-720 (170' FNL &amp; 1450' FEL) Sec 5): 0 feet

Coordinates are in feet referenced to Slot

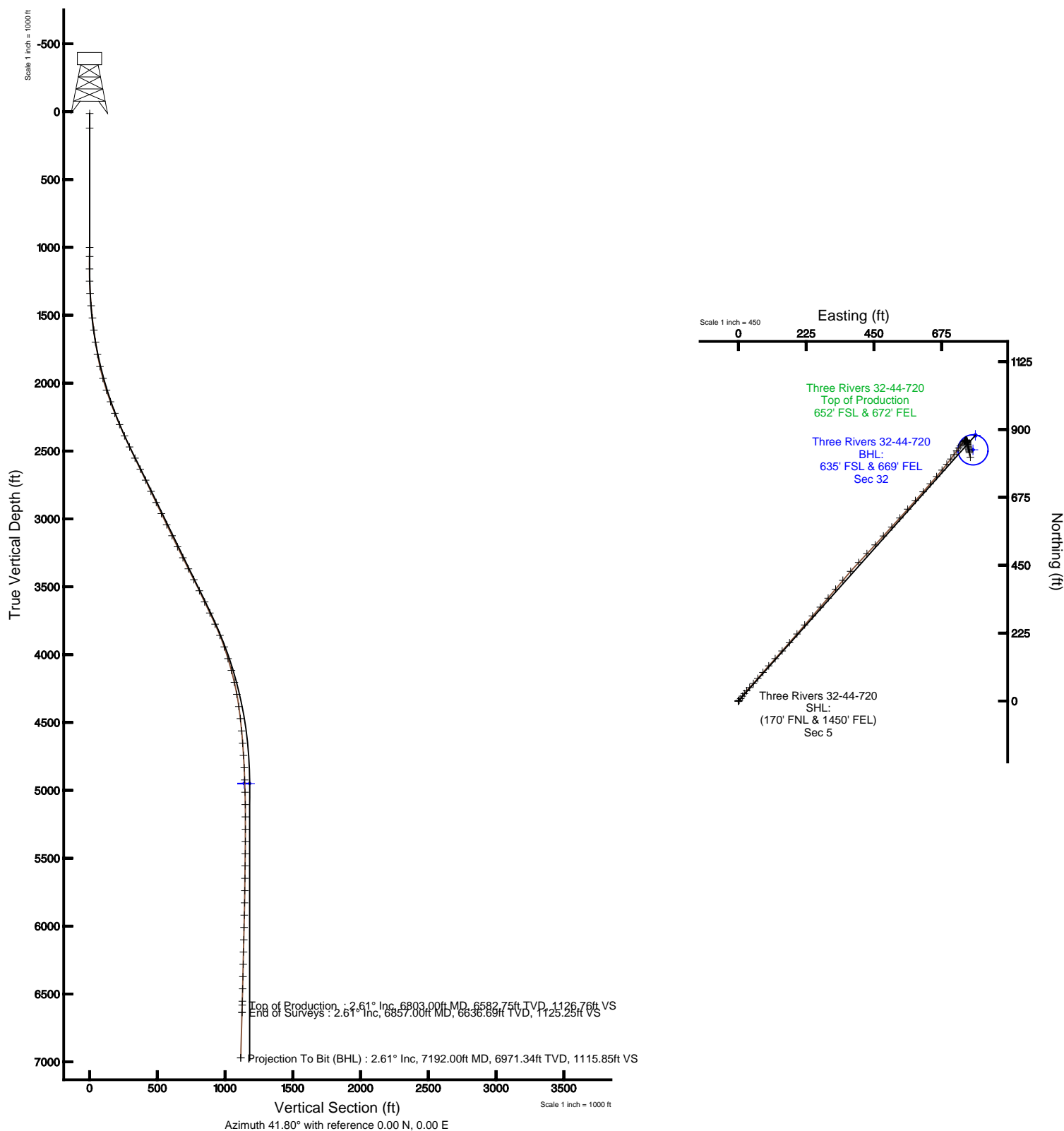
Grid System: NAD83 / Lambert Utah SP, Central Zone (4302), US feet

North Reference: True north

Scale: True distance

Depths are in feet

Created by: welltams on 12/12/2014





# Actual Wellpath Report

Three Rivers 32-44-720 AWP

Page 1 of 5



## REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 32-44-720 (170' FNL & 1450' FEL) Sec 5
Area	Three Rivers	Well	Three Rivers 32-44-720
Field	UINTAH COUNTY	Wellbore	Three Rivers 32-44-720 AWB
Facility	Sec.05-T8S-R20E		

## REPORT SETUP INFORMATION

Projection System	NAD83 / Lambert Utah SP, Central Zone (4302), US feet	Software System	WellArchitect® 3.0.0
North Reference	True	User	Ewilliams
Scale	0.999915	Report Generated	12/12/2014 at 1:12:10 PM
Convergence at slot	1.16° East	Database/Source file	WellArchitectDB/Three_Rivers_32-44-720_AWB.xml

## WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	4197.53	-1035.76	2146713.75	7231508.11	40°09'29.830"N	109°41'18.170"W
Facility Reference Pt			2147834.39	7227332.84	40°08'48.350"N	109°41'04.830"W
Field Reference Pt			2156630.96	7236613.42	40°10'18.270"N	109°39'09.100"W

## WELLPATH DATUM

Calculation method	Minimum curvature	Ensign 122 (RT) to Facility Vertical Datum	4792.00ft
Horizontal Reference Pt	Slot	Ensign 122 (RT) to Mean Sea Level	4792.00ft
Vertical Reference Pt	Ensign 122 (RT)	Ensign 122 (RT) to Mud Line at Slot (Three Rivers 32-44-720 (170' FNL & 1450' FEL) Sec 5)	4792.00ft
MD Reference Pt	Ensign 122 (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	41.80°





# Actual Wellpath Report

Three Rivers 32-44-720 AWP

Page 2 of 5



## REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 32-44-720 (170' FNL & 1450' FEL) Sec 5
Area	Three Rivers	Well	Three Rivers 32-44-720
Field	UINTAH COUNTY	Wellbore	Three Rivers 32-44-720 AWB
Facility	Sec.05-T8S-R20E		

## WELLPATH DATA (71 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
0.00†	0.000	201.440	0.00	0.00	0.00	0.00	40°09'29.830"N	109°41'18.170"W	0.00	
13.00	0.000	201.440	13.00	0.00	0.00	0.00	40°09'29.830"N	109°41'18.170"W	0.00	
120.00	0.000	0.000	120.00	0.00	0.00	0.00	40°09'29.830"N	109°41'18.170"W	0.00	
1000.00	0.000	0.000	1000.00	0.00	0.00	0.00	40°09'29.830"N	109°41'18.170"W	0.00	
1067.00	0.400	201.440	1067.00	-0.22	-0.22	-0.09	40°09'29.828"N	109°41'18.171"W	0.60	
1158.00	0.710	196.770	1158.00	-1.03	-1.05	-0.36	40°09'29.820"N	109°41'18.175"W	0.34	
1248.00	1.190	53.550	1247.99	-0.62	-1.03	0.23	40°09'29.820"N	109°41'18.167"W	2.01	
1339.00	3.710	36.670	1338.90	3.24	1.89	2.75	40°09'29.849"N	109°41'18.135"W	2.85	
1430.00	6.000	37.550	1429.57	10.92	8.02	7.40	40°09'29.909"N	109°41'18.075"W	2.52	
1520.00	6.580	36.140	1519.03	20.74	15.92	13.31	40°09'29.987"N	109°41'17.999"W	0.67	
1611.00	6.900	36.140	1609.40	31.37	24.54	19.61	40°09'30.073"N	109°41'17.917"W	0.35	
1701.00	8.200	42.970	1698.62	43.16	33.61	27.17	40°09'30.162"N	109°41'17.820"W	1.75	
1792.00	10.380	43.940	1788.42	57.85	44.26	37.29	40°09'30.267"N	109°41'17.690"W	2.40	
1883.00	12.900	41.080	1877.54	76.20	57.82	49.65	40°09'30.401"N	109°41'17.531"W	2.84	
1973.00	15.600	41.170	1964.76	98.35	74.51	64.22	40°09'30.566"N	109°41'17.343"W	3.00	
2064.00	17.900	40.550	2051.89	124.57	94.35	81.37	40°09'30.762"N	109°41'17.122"W	2.54	
2154.00	19.800	42.270	2137.06	153.64	116.14	100.62	40°09'30.978"N	109°41'16.874"W	2.20	
2245.00	21.610	41.650	2222.18	185.81	140.07	122.12	40°09'31.214"N	109°41'16.597"W	2.00	
2335.00	23.510	42.050	2305.29	220.34	165.78	145.16	40°09'31.468"N	109°41'16.300"W	2.12	
2426.00	24.080	41.560	2388.56	257.06	193.15	169.63	40°09'31.739"N	109°41'15.985"W	0.66	
2516.00	25.720	40.060	2470.19	294.94	221.84	194.39	40°09'32.022"N	109°41'15.666"W	1.95	
2607.00	25.720	40.950	2552.17	334.42	251.86	220.04	40°09'32.319"N	109°41'15.336"W	0.42	
2698.00	25.980	41.340	2634.07	374.09	281.74	246.14	40°09'32.614"N	109°41'15.000"W	0.34	
2788.00	25.810	41.650	2715.03	413.40	311.18	272.18	40°09'32.905"N	109°41'14.664"W	0.24	
2879.00	25.500	40.680	2797.06	452.79	340.84	298.12	40°09'33.198"N	109°41'14.330"W	0.57	
2970.00	24.700	38.480	2879.47	491.36	370.58	322.72	40°09'33.492"N	109°41'14.014"W	1.35	
3060.00	25.410	40.240	2961.00	529.44	400.04	346.89	40°09'33.783"N	109°41'13.702"W	1.14	
3151.00	25.900	42.180	3043.03	568.83	429.67	372.85	40°09'34.076"N	109°41'13.368"W	1.07	
3241.00	26.120	42.270	3123.92	608.29	458.90	399.37	40°09'34.365"N	109°41'13.026"W	0.25	
3332.00	26.510	43.460	3205.49	648.63	488.46	426.82	40°09'34.657"N	109°41'12.673"W	0.72	
3422.00	26.120	43.280	3286.16	688.51	517.47	454.22	40°09'34.944"N	109°41'12.320"W	0.44	
3513.00	26.510	42.840	3367.73	728.84	546.94	481.76	40°09'35.235"N	109°41'11.965"W	0.48	
3603.00	27.220	42.750	3448.01	769.50	576.78	509.39	40°09'35.530"N	109°41'11.609"W	0.79	
3694.00	25.500	41.740	3529.55	809.90	606.69	536.56	40°09'35.825"N	109°41'11.259"W	1.95	
3785.00	25.320	41.470	3611.75	848.95	635.88	562.49	40°09'36.114"N	109°41'10.925"W	0.24	
3875.00	25.410	41.870	3693.07	887.50	664.68	588.12	40°09'36.398"N	109°41'10.595"W	0.22	
3966.00	24.790	41.650	3775.48	926.11	693.48	613.83	40°09'36.683"N	109°41'10.264"W	0.69	
4056.00	22.090	41.650	3858.04	961.90	720.23	637.62	40°09'36.947"N	109°41'09.958"W	3.00	
4147.00	19.000	40.550	3943.24	993.83	744.27	658.63	40°09'37.185"N	109°41'09.687"W	3.42	
4238.00	16.700	39.670	4029.86	1021.71	765.60	676.60	40°09'37.396"N	109°41'09.455"W	2.54	
4328.00	15.510	38.650	4116.32	1046.65	784.95	692.38	40°09'37.587"N	109°41'09.252"W	1.36	
4419.00	12.590	36.360	4204.59	1068.68	802.44	705.86	40°09'37.760"N	109°41'09.079"W	3.27	
4509.00	10.600	35.970	4292.75	1086.68	817.04	716.54	40°09'37.904"N	109°41'08.941"W	2.21	
4600.00	8.500	35.570	4382.49	1101.69	829.29	725.37	40°09'38.025"N	109°41'08.827"W	2.31	
4690.00	6.320	35.880	4471.73	1113.23	838.71	732.14	40°09'38.118"N	109°41'08.740"W	2.42	



# Actual Wellpath Report

Three Rivers 32-44-720 AWP

Page 3 of 5



## REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 32-44-720 (170' FNL & 1450' FEL) Sec 5
Area	Three Rivers	Well	Three Rivers 32-44-720
Field	UINTAH COUNTY	Wellbore	Three Rivers 32-44-720 AWB
Facility	Sec.05-T8S-R20E		

## WELLPATH DATA (71 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
4781.00	5.000	37.640	4562.28	1122.17	845.91	737.50	40°09'38.189"N	109°41'08.671"W	1.46	
4872.00	4.400	39.670	4652.98	1129.61	851.74	742.15	40°09'38.247"N	109°41'08.611"W	0.68	
4962.00	3.890	42.360	4742.74	1136.12	856.65	746.41	40°09'38.295"N	109°41'08.556"W	0.61	
5053.00	2.600	44.160	4833.59	1141.27	860.41	749.92	40°09'38.333"N	109°41'08.511"W	1.42	
5143.00	1.990	47.640	4923.52	1144.86	862.93	752.50	40°09'38.357"N	109°41'08.478"W	0.69	
5234.00	1.410	57.070	5014.48	1147.51	864.60	754.61	40°09'38.374"N	109°41'08.451"W	0.71	
5325.00	0.880	77.960	5105.46	1149.16	865.36	756.23	40°09'38.381"N	109°41'08.430"W	0.73	
5415.00	0.710	95.460	5195.45	1150.05	865.45	757.46	40°09'38.382"N	109°41'08.414"W	0.33	
5506.00	0.880	132.870	5286.45	1150.37	864.92	758.54	40°09'38.377"N	109°41'08.400"W	0.59	
5596.00	1.100	149.370	5376.43	1150.09	863.71	759.48	40°09'38.365"N	109°41'08.388"W	0.40	
5687.00	1.410	161.250	5467.41	1149.28	861.89	760.29	40°09'38.347"N	109°41'08.378"W	0.44	
5777.00	1.190	169.450	5557.39	1148.16	859.93	760.82	40°09'38.328"N	109°41'08.371"W	0.32	
5868.00	1.190	172.840	5648.37	1146.97	858.06	761.11	40°09'38.309"N	109°41'08.367"W	0.08	
5959.00	1.410	175.970	5739.34	1145.56	856.01	761.30	40°09'38.289"N	109°41'08.365"W	0.25	
6049.00	1.680	178.260	5829.31	1143.84	853.58	761.42	40°09'38.265"N	109°41'08.363"W	0.31	
6140.00	1.990	169.840	5920.27	1141.90	850.69	761.74	40°09'38.236"N	109°41'08.359"W	0.45	
6230.00	1.990	166.360	6010.21	1140.05	847.64	762.38	40°09'38.206"N	109°41'08.351"W	0.13	
6321.00	2.210	165.660	6101.15	1138.17	844.40	763.19	40°09'38.174"N	109°41'08.340"W	0.24	
6411.00	2.390	167.160	6191.08	1136.12	840.89	764.04	40°09'38.140"N	109°41'08.329"W	0.21	
6502.00	2.210	168.650	6282.00	1133.97	837.32	764.80	40°09'38.104"N	109°41'08.319"W	0.21	
6593.00	2.300	167.240	6372.93	1131.86	833.82	765.55	40°09'38.070"N	109°41'08.310"W	0.12	
6683.00	2.300	164.380	6462.86	1129.84	830.32	766.44	40°09'38.035"N	109°41'08.298"W	0.13	
6774.00	2.610	169.840	6553.78	1127.58	826.52	767.30	40°09'37.998"N	109°41'08.287"W	0.43	
6803.00†	2.610	169.840	6582.75	1126.76	825.22	767.53	40°09'37.985"N	109°41'08.284"W	0.00	Top of Production
6857.00	2.610	169.840	6636.69	1125.25	822.80	767.96	40°09'37.961"N	109°41'08.279"W	0.00	End of Surveys
7192.00	2.610	169.840	6971.34	1115.85	807.78	770.65	40°09'37.812"N	109°41'08.244"W	0.00	Projection To Bit (BHL)



# Actual Wellpath Report

Three Rivers 32-44-720 AWP

Page 4 of 5



## REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 32-44-720 (170' FNL & 1450' FEL) Sec 5
Area	Three Rivers	Well	Three Rivers 32-44-720
Field	UINTAH COUNTY	Wellbore	Three Rivers 32-44-720 AWB
Facility	Sec.05-T8S-R20E		

## TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Three Rivers 32-44-720 Driller's Target Radius: 5' 708' FSL & 652' FEL		4950.00	880.84	787.51	2147483.20	7232404.64	40°09'38.534"N	109°41'08.027"W	circle
Three Rivers 32-44-720 Target On Plat Radius: 50' 660' FSL & 660' FEL Sec 32		4950.00	832.84	779.51	2147476.17	7232356.49	40°09'38.060"N	109°41'08.130"W	circle

## WELLPATH COMPOSITION - Ref Wellbore: Three Rivers 32-44-720 AWB Ref Wellpath: Three Rivers 32-44-720 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
13.00	120.00	Unknown Tool (Standard)	Conductor	Three Rivers 32-44-720 AWB
120.00	1000.00	Unknown Tool (Standard)	Surface	Three Rivers 32-44-720 AWB
1000.00	6857.00	MTC (Collar, post-2000) (Standard)	MWD	Three Rivers 32-44-720 AWB
6857.00	7192.00	Blind Drilling (std)	Projection to bit	Three Rivers 32-44-720 AWB



# Actual Wellpath Report

Three Rivers 32-44-720 AWP

Page 5 of 5



## REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 32-44-720 (170' FNL & 1450' FEL) Sec 5
Area	Three Rivers	Well	Three Rivers 32-44-720
Field	UINTAH COUNTY	Wellbore	Three Rivers 32-44-720 AWB
Facility	Sec.05-T8S-R20E		

## WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
6803.00	2.610	169.840	6582.75	Top of Production
6857.00	2.610	169.840	6636.69	End of Surveys
7192.00	2.610	169.840	6971.34	Projection To Bit (BHL)

ULTRA RESOURCES, INC.  
DAILY COMPLETION REPORT FOR 10/28/2014 TO 11/29/2014

Well Name	THREE RIVERS 32-44-720	Frac Planned	7
Location:	UINTAH County, UTAH(NWNE 5 8S 20E)	AFE#	140976
Total Depth Date:	10/25/2014 TD 7,192	Formation:	(Missing)
Production Casing:	Size 5 1/2 Wt 17 Grade J-55 Set At 5,168	GL:	KB: 4,792

Date: 10/28/2014			
Tubing:		OD: 2.875" ID: Joints: Depth Set: 7,130"	PBTD: 7,176
Supervisor:		Duncan	
Work Objective:		Logging	
Contractors:		J-W	
Completion Rig:		J-W	Supervisor Phone: 435-828-1472
Upcoming Activity:		Completion	
Activities			
1530-1800		MIRU JW WLU, run 4.65" gauge ring fr/surface to 7148'. POH w/gauge ring. Run CBL/GR/CCL fr/7140' to surface. TOC @ 1830'. RDMO WLU.	
Costs (\$):	Daily:	7,549	Cum: 16,588
			AFE: 1,298,141

Date: 10/29/2014				
Tubing:		OD: 2.875" ID: Joints: Depth Set: 7,130"		PBTD: 7,176
Supervisor:		Duncan		
Work Objective:		Nipple up BOP		
Contractors:		Knight, BC Trucking		
Completion Rig:		(Missing)	Supervisor Phone: 435-828-1472	
Upcoming Activity:		Prep for frac work		
Activities				
0700-0900		MINU Knight 5K BOP.		
Costs (\$):	Daily: 646	Cum: 17,234	AFE: 1,298,141	

Date: 10/30/2014			
Tubing: OD: 2.875" ID: Joints: Depth Set: 7,130"		PBTD:	7,176
Supervisor: Duncan			
Work Objective: Move in frac tanks			
Contractors: R&R			
Completion Rig: (Missing)		Supervisor Phone: 435-828-1472	
Upcoming Activity: Prep for frac work			
Activities			
1400-1800		MI set frac and flow back tanks.	
Costs (\$):	Daily: 0	Cum: 17,234	AFE: 1,298,141

Date: 10/31/2014			
Tubing: OD: 2.875" ID: Joints: Depth Set: 7,130"		PBTD:	7,176
Supervisor: Duncan			
Work Objective: Move in frac tanks			
Contractors: R&R			
Completion Rig: (Missing)		Supervisor Phone: 435-828-1472	
Upcoming Activity: Prep for frac work			
Activities			
0600-0601		Set frac tanks, and fill 10K tanks.	
Costs (\$):	Daily: 10,310	Cum: 27,544	AFE: 1,298,141

Date: 11/01/2014			
Tubing: OD: 2.875" ID: Joints: Depth Set: 7,130"		PBTD: 7,176	
Supervisor: (Missing)			
Work Objective: (Nothing Recorded)			
Contractors: (Missing)			
Completion Rig: (Missing)		Supervisor Phone: (Missing)	
Upcoming Activity:			
Costs (\$):	Daily: 7,876	Cum: 35,419	AFE: 1,298,141

Date: 11/03/2014			
Tubing: OD: 2.875" ID: Joints: Depth Set: 7,130"		PBTD: 7,176	
Supervisor: Duncan			
Work Objective: Testing			
Contractors: RBS, R&R, Sunrise			
Completion Rig: (Missing)		Supervisor Phone: 435-828-1472	
Upcoming Activity: Prep for frac work			
Activities			
0800-0900		MIRU RBS test unit. Test BOP, casing, and flow back iron to 4250 psi. Good test. RDMO testers.	
Costs (\$):	Daily: 1,638	Cum: 37,057	AFE: 1,298,141



Date: 11/04/2014			
Tubing:	OD: 2.875" ID: Joints: Depth Set: 7,130"		PBTD: 7,176
Supervisor:	Duncan		
Work Objective:	Prep for frac work		
Contractors:	R&R, HES, Sunrise		
Completion Rig:	(Missing)		Supervisor Phone: 435-828-1472
Upcoming Activity:	Prep for frac work		
Costs (\$):	Daily: 1,734	Cum: 38,791	AFE: 1,298,141

Date: 11/05/2014			
Tubing:	OD: 2.875" ID: Joints: Depth Set: 7,130"		PBTD: 7,176
Supervisor:	Duncan		
Work Objective:	Prep for frac work		
Contractors:	R&R, HES		
Completion Rig:	(Missing)		Supervisor Phone: 435-828-1472
Upcoming Activity:	Prep for frac work		
Costs (\$):	Daily: 0	Cum: 38,791	AFE: 1,298,141

Date: 11/06/2014			
Tubing: OD: 2.875" ID: Joints: Depth Set: 7,130"		PBTD: 7,176	
Supervisor: Duncan			
Work Objective: Perforating			
Contractors: CHS, R&R			
Completion Rig: Casedhole Sol		Supervisor Phone: 435-828-1472	
Upcoming Activity: Prep for frac work			
Activities			
0700-0930		Perforate stage 1 (6900'-7078').	
Costs (\$):	Daily: 4,500	Cum: 43,291	AFE: 1,298,141

Date: 11/07/2014			
Tubing:	OD: 2.875" ID: Joints: Depth Set: 7,130"		PBTD: 7,176
Supervisor:	Duncan		
Work Objective:	Prep for frac work		
Contractors:	R&R, Rhetts, Target, Sunrise		
Completion Rig:	(Missing)		Supervisor Phone: 435-828-1472
Upcoming Activity:	Prep for frac work		
Costs (\$):	Daily: 0	Cum: 43,291	AFE: 1,298,141

Date: 11/08/2014				
Tubing:		OD: 2.875" ID: Joints: Depth Set: 7,130"		PBTD: 7,176
Supervisor:		(Missing)		
Work Objective:		(Nothing Recorded)		
Contractors:		(Missing)		
Completion Rig: (Missing)			Supervisor Phone: (Missing)	
Upcoming Activity:				
Costs (\$):	Daily:	11,908	Cum:	55,199
			AFE:	1,298,141

Date: 11/10/2014			
Tubing: OD: 2.875" ID: Joints: Depth Set: 7,130"		PBTD: 7,176	
Supervisor: Duncan			
Work Objective: Prep for frac work			
Contractors: R&R, HES			
Completion Rig: (Missing)		Supervisor Phone: 435-828-1472	
Upcoming Activity: Perf, Frac, and Flowback			
Activities			
0800-1800		MIRU HES frac, and WL equipment.	
Costs (\$):	Daily: 3,712	Cum: 58,911	AFE: 1,298,141

Date: 11/11/2014			
Tubing:	OD: 2.875" ID: Joints: Depth Set: 7,130"		PBTD: 7,176
Supervisor:	OBrien,Scott		
Work Objective:	Perf, Frac, and Flowback		
Contractors:	Hal-Frac,Hal-WL,R&R		
Completion Rig:	Hal, HAL RED T4	Supervisor Phone: 307-350-8487/307-260-5789	
Upcoming Activity:	Perf, Frac, and Flowback		
Activities			
0545-0800	Wait on chemicals.		
0800-1015	Prime up and pressure test frac lines.		
1015-1030	Review location hazards including Drilling operations, production facilities, producing wells & ESD's. Review WHD operations, WL perforating, High Pressure pumping, FB, crane operations, super-heater, chemical handling, MSDS sheets & PPE requirements. Discuss slips, trips, falls, & use of 3 point contact while coming on or off of equipment or wellhead stands. Discuss traffic control & the use of land guides while backing.		
	Review the reporting of property damage, & personnel injuries. Establish smoking area & Muster area .		
1030-1105	Pump DFIT.		
1105-2315	Monitor PSI.		
Costs (\$):	Daily: 0	Cum: 58,911	AFE: 1,298,141

Date: 11/12/2014						
Tubing:		OD: 2.875" ID: Joints: Depth Set: 7,130"		PBTD: 7,176		
Supervisor:		Scott/Obrien				
Work Objective:		Perf, Frac, and Flowback		SSE: 4		
Contractors:		R&R,Protechnic,HAL-WL,HAL-FRAC				
Completion Rig:		Hal, HAL RED T4		Supervisor Phone: 307-350-8487/307-260-5789		
Upcoming Activity:		Perf, Frac, and Flowback				
Activities						
1105-2315		Monitor PSI.				
2315-0125		Frac Stage 1				
Costs (\$):	Daily:	4,259	Cum:	63,170	AFE:	1,298,141

Date: 11/13/2014				
Tubing:	OD: 2.875" ID: Joints: Depth Set: 7,130"		PBTD:	7,176
Supervisor:	Scott/Obrien			
Work Objective:	Perf, Frac, and Flowback			SSE: 4
Contractors:	R&R,Protechnic,HAL-WL,HAL-FRAC			
Completion Rig:	Hal, HAL RED T4		Supervisor Phone: 307-350-8487/307-260-5789	
Upcoming Activity:	Perf, Frac, and Flowback			
Activities				
2315-0125	Frac Stage 1			
0125-0300	Flow Well Back On 48/64 Choke IP 2100 PSI. FP 500 PSI. Flow back 286 bbl. close well in.			
0300-0435	RU. & RIH. to perforate stage 2. (6803-6873) Set 5.5" SFP. @ 6893'.			
0435-0436	WO. frac.			
0445-0545	Pump DFIT			
0545-0630	Monitor Pressure.			
Costs (\$):	Daily: 24,771	Cum: 87,941	AFE:	1,298,141

Date: 11/14/2014						
Tubing:		OD: 2.875" ID: Joints: Depth Set: 7,130"	PBTD:	7,176		
Supervisor:		Scott/Obrien				
Work Objective:		Perf, Frac, and Flowback	SSE:	4		
Contractors:		R&R,Protechnic,HAL-WL,HAL-FRAC,IPS,ETS				
Completion Rig:		Hal, HAL RED T4	Supervisor Phone: 307-350-8487/307-260-5789			
Upcoming Activity:		W/O CTU				
Activities						
0545-0630		Monitor Pressure.				
0630-0820		Wait on sand.				
0820-0910		Frac stage 2. Screened out. Pressure climbed while pumping .5# sand stage, cut sand and attempted to flush well. Was unsuccessful.				
0910-1050		Flow stage 1. IP 430#. FP = 400#.				
1050-1200		Reperf stage 2. (6804-6872)				
1200-1650		Re-Frac stage 2. After multiple attempts to break down formation, we were not able to establish an injection rate. Discuss with Denver office, and were instructed to rig down.				
1650-1651		SICP @ 600 psi. Rig down vendors.				
0000-0000		W/O CTU				
Costs (\$):	Daily:	3,524	Cum:	91,465	AFE:	1,298,141

Date: 11/15/2014				
Tubing:		OD: 2.875" ID: Joints: Depth Set: 7,130"		PBTD: 7,176
Supervisor:		Stringham/Duncan		
Work Objective:		Drill out plug		
Contractors:		R&R,IPS,ETS,Rheets		
Completion Rig:		IPS CT 2"	Supervisor Phone: 435-790-2326/435-828-1472	
Upcoming Activity:		Drill out plug		
Activities				
0000-0000		W/O CTU		
Costs (\$):	Daily:	84,244	Cum:	175,709 AFE: 1,298,141

Date: 11/16/2014			
Tubing:	OD: 2.875" ID: Joints: Depth Set: 7,130"		PBTD: 7,176
Supervisor:	Stringham/Duncan		
Work Objective:	Drill out plug		
Contractors:	R&R,IPS,ETS,Rhetts		
Completion Rig:	IPS CT 2"	Supervisor Phone: 435-790-2326/435-828-1472	
Upcoming Activity:	Flow test well		
Activities			
0230-0330	Move CTU equipment over from the TR_5-48T-720. RU same.		
0345-0400	Using the same BHA from the TR_5-48T-720: (BI-Directional jar, MHA 3/4" Ball Seat(back pressure valve), motor and 5 blade 4.625" mill. Function test motor (1500 psi @ 1.5 bbl/min). NU lubricator to stack. Fill surface lines with water. Close valve to flowback tank and pressure test to 3500 psi. Bleed pressure back to 1000 psi. Open top ram, 600 psi.		
0400-0450	RIH with mill and motor to plug @ 6893'. (Coil depth 6893').		
0450-0510	Drill plug. 350 psi.		
0510-0715	RIH to PBTD @ 7176'. Started drilling hard @ 6960', made 3' to 6963'. Exhausted cycles and time.		
0715-0815	POH with coil.		
0815-0945	ND stack off BOP. Inspect and LD tools. Cut off 100' of tubing. Replace and pull test coil connector. Re-run tools, Function test motor (1400 psi @ 1.5 bbl/min). NU stack to BOP. Fill surface lines with water. Close valve to flow back tank and pressure test to 3500 psi. Bleed pressure back to 1000 psi. Open top ram, 400 psi.		
0945-1050	RIH with mill and motor to tight spot @ 6963'. (Coil depth 6963').		
1050-1230	Drill at tight spot (6963'). 350 psi. Fell thru tight spot @ 6968'. Continue to RIH to 7100'.		
1230-1250	Work on coil spool.		
1250-1330	RIH to PBTD @ 7176'. Pump 20 bbl gel sweep, 10 bbl water spacer & 20 bbl gel sweep. Coil PBTD @ 7174'. Make 500' short trip and retag PBTD. POOH @ 50 ft/min for 30 min and then continue POOH. Close Bottom ram, SICP 275 PSI.		
1330-1400	Blow coil dry with N2. RDMO CTU.		
1400-1401	Turn well over to flow testers, open well on 18/64 choke. IP 300 PSI. Note: Fill void in between rams with methanol.		
Costs (\$):	Daily: 121,140	Cum: 296,849	AFE: 1,298,141

Date: 11/17/2014			
Tubing:	OD: 2.875" ID: Joints: Depth Set: 7,130"	PBTD:	7,176
Supervisor:	Stringham/Duncan		
Work Objective:	Flow test well		
Contractors:	R&R,Rhetts		
Completion Rig:	(Missing)	Supervisor Phone:	435-790-2326/435-828-1472
Upcoming Activity:	Turned over to Production Dept		
Costs (\$):	Daily: 17,434	Cum: 314,283	AFE: 1,298,141

Date:	11/18/2014		
Tubing:	OD: 2.875" ID: Joints: Depth Set: 7,130"	PBTD:	7,176
Supervisor:	Duncan		
Work Objective:	Logging		
Contractors:	Northern Lights, ProTechnics		
Completion Rig:	(Missing)	Supervisor Phone:	435-828-1472
Upcoming Activity:	Turned over to Production Dept		
Activities			
0700-0800	MIRU Northern Lights Slick Line WLU.		
0800-0915	RIH with 4" gauge ring to 7108'. POH LD gauge ring.		
0915-1200	PU and RIH with ProTechnics Spectra Scan Gamma ray tool. Log from 7108' to 6300'. POH RDMO WLU.		
Costs (\$):	Daily: 27,704	Cum: 341,987	AFE: 1,298,141

Date: 11/19/2014			
Tubing:	OD: 2.875" ID: Joints: Depth Set: 7,130"	PBTD:	7,176
Supervisor:	Fletcher		
Work Objective:	Turned over to Production Dept		
Contractors:	(Missing)		
Completion Rig:	(Missing)	Supervisor Phone:	3036459812
Upcoming Activity:			
Costs (\$):	Daily: 0	Cum: 341,987	AFE: 1,298,141

Date: 11/22/2014			
Tubing:	OD: 2.875" ID: Joints: Depth Set: 7,130"	PBTD:	7,176
Supervisor:	(Missing)		
Work Objective:	(Nothing Recorded)		
Contractors:	(Missing)		
Completion Rig:	(Missing)	Supervisor Phone:	(Missing)
Upcoming Activity:			
Costs (\$):	Daily: 1,377	Cum: 343,364	AFE: 1,298,141

Date: 11/24/2014			
Tubing:	OD: 2.875" ID: Joints: Depth Set: 7,130"	PBTD:	7,176
Supervisor:	(Missing)		
Work Objective:	(Nothing Recorded)		
Contractors:	(Missing)		
Completion Rig:	(Missing)	Supervisor Phone:	(Missing)
Upcoming Activity:			
Costs (\$):	Daily: 0	Cum: 343,364	AFE: 1,298,141

Date: 11/25/2014			
Tubing:	OD: 2.875" ID: Joints: Depth Set: 7,130"	PBTD:	7,176
Supervisor:	(Missing)		
Work Objective:	(Nothing Recorded)		
Contractors:	(Missing)		
Completion Rig:	(Missing)	Supervisor Phone:	(Missing)
Upcoming Activity:			
Costs (\$):	Daily: 47,301	Cum: 390,666	AFE: 1,298,141

Date: 11/26/2014			
Tubing:	OD: 2.875" ID: Joints: Depth Set: 7,130"	PBTD:	7,176
Supervisor:	JIM BURNS		
Work Objective:	TIH w/ tubing		
Contractors:	DOUBLE HOOK, CIRCLE D, WILLIES, KNIGHT OIL TOOLS, SELECT RENTAL, TRIPLE H		
Completion Rig:	Double Hook 1	Supervisor Phone:	4352992974
Upcoming Activity: Waiting to turn to sales.			
Activities			
0600-0700	CREW TRAVEL		
0700-1730	R/D Unit, Move Rig from Three rivers 5-41-820		
	R/U Unit, R/u Willies hot oil, pumped 50 bbls 10		
	# brine wtr dmn csg. r/d willies		
	P/u & Rih w/ new 4 3/4" rock bit,bit sub, check		
	jet sub, check,24- jnts 2 7/8" tbg,check, bailer		
	check, 4' x 2 7/8" perf. Sub, 207- jnts 2 7/8"		
	tbg. 231-total jnts, tag fill @ 7,105'.		
	C/O sand to 7,179', ( solid btm ) shut dwn.		
	Pooh l/d w/ 1-jnt, Pooh s/b w/ 20-jnts 2 7/8"		
	tbg. EOT @ 6,555' 212-Jnts in well		
	sit flow casg to sales		
1730-1830	CREW TRAVEL		
Costs (\$):	Daily: 4,295	Cum: 394,961	AFE: 1,298,141

Date: 11/28/2014			
Tubing:	OD: 2.875" ID: Joints: Depth Set: 7,130"	PBTD:	7,176
Supervisor:	JIM BURNS		
Work Objective:	Clean out		
Contractors:	DOUBLE HOOK, CIRCLE D, WILLIES, KNIGHT OIL TOOLS, SELECT RENTAL, BELL SUPPLY		
Completion Rig:	Double Hook 1	Supervisor Phone:	4352992974
Upcoming Activity: Waiting to turn to sales.			
Activities			
0600-0700	CREW TRAVEL		
0700-1730	R/u Willies hot, Control well w/ 50 bbls 10 #		
	brine wtr. r/d willies. Pooh s/b From 6,555'		
	w/ 188-jnts 2 7/8 " tbg, 4' perf. Pup jnt, check,		
	Bailer, check, 24-jnts 2 7/8" tbg, check, jetsub,		
	check, bit sub, 4 3/4" bit. Found 4 1/2 Jnts full		
	of sand. Rih w/ perge valve, 4' x 2 7/8" pup jnt		
	desander, 4' x 2 7/8" pup jnt,1- jnt 2 7/8" j-55		
	tbg, Psn, 33-jnts 2 7/8" tbg, 5 1/2" x 2 7/8" 1/4		
	turn TAC, 196 - jnts 2 7/8" tbg. n/d 10k bope,		
	Set TAC @ 6,053.30' w/ 15k tension, landed		
	tbg on 7 1/16" x 2 7/8" Hanger. n/u 3k well		
	head equip PSN @ 7,072.68', EOT @ 7,131.31',		
	PBTD @ 7,179'. Changed over to rod equip.		
	Prep. Rods, Primed up pump, Rih w/		
	2 1/2 x 1 3/4 x 24 x 24 RHAC Pump # 310		
	(Bell supply), 37-1" 4per mms rods,15-3/4"		
	4per mmsrods,P/u 1 1/2" x 30' Polish rod.		
	SIT, Flow csg to sales		
1730-1830	CREW TRAVEL		
Costs (\$):	Daily: 4,600	Cum: 399,561	AFE: 1,298,141

Date: 11/29/2014			
Tubing:	OD: 2.875" ID: Joints: Depth Set: 7,130"		PBTD: 7,176
Supervisor:	JIM BURNS		
Work Objective:	TIH w/ Rods		
Contractors:	DOUBLE HOOK, CIRCLE D, WILLIES, KNIGHT OIL TOOLS, SELECT RENTAL, BELL SUPPLY, RUNNERS		
Completion Rig:	Double Hook 1	Supervisor Phone: 4352992974	
Upcoming Activity:	Clean out		
Activities			
0600-0700	CREW TRAVEL		
0700-1000	L/d 1 1/2" x 30' polish rod, p/u & rih w/ 54-		
	total 3/4" 4per mms rods, 48-3/4" 6per mms		
	rods, 48-7/8" 4per mms rods, 21-7/8" 8per		
	mms rods, 38-1" 8per mms rods, 34-1" 4per		
	mms rods, 1-4' & 1-2' x 1" pony rods, 1 1/2"		
	x 30' polish rod.		
	seated pump. r/u willies hot oil,filled tbq w/ 8		
	bbls prod. Wtr, tested tbq to 500 psi (held)		
	stroke tested pump to 1,000 psi (Good test)		
	r/d willies, hung horses head, spaced out		
	clamps 6" above tag. Pump well, turn well		
	over to pumper, clean location.		
1000-1100	CREW TRAVEL		
Costs (\$):	Daily: 4,872	Cum: 404,433	AFE: 1,298,141



ULTRA RESOURCES, INC.  
PERFORATION AND FRAC SUMMARY FOR THREE RIVERS 32-44-720

Well Name: THREE RIVERS 32-44-720			Fracs Planned: 7								
Location: UINTAH County, UTAH (NWNE 005 8S 20E)											
Stage 1		Frac Date: 11/11/2014		Avg Rate: 8.0 BPM		Avg Pressure: 1,598 PSI					
Initial Completion		Proppant: 0 lbs total		Max Rate: 57.0 BPM		Max Pressure: 2,561 PSI					
		Initial Annulus Pressure: 0		Final Annulus Pressure: 0		Pump Down Volume:					
		PreFrac SICP:		ISIP: 1,111 PSI		Base BBLS to Recover: 287 BBLs					
		Pseudo Frac Gradient: 0.590 PSI/FT		Pseudo Frac Gradient: 11.342 LB/GAL							
				Net Pressure:		Total BBLS to Recover: 287 BBLs					
		Breakdown Pressure:		Breakdown Rate:		Perfs Open: 13					
		ScreenOut: No		Tracer: (None)							
Zones:	Perf Date	SPF	Perf Interval:		From	To					
13	11/06/2014	3			6,900	6,901					
12	11/06/2014	3			6,916	6,917					
11	11/06/2014	3			6,924	6,925					
10	11/06/2014	3			6,932	6,933					
9	11/06/2014	3			6,944	6,945					
8	11/06/2014	3			6,960	6,961					
7	11/06/2014	3			6,970	6,971					
6	11/06/2014	3			6,985	6,986					
5	11/06/2014	3			6,993	6,994					
4	11/06/2014	3			7,007	7,008					
3	11/06/2014	3			7,060	7,061					
2	11/06/2014	3			7,072	7,073					
1	11/06/2014	3			7,077	7,078					
Stage 1 Try 2						Frac Date: 11/13/2014		Avg Rate: 44.0 BPM		Avg Pressure: 2,939 PSI	
Initial Completion						Proppant: 114,107 lbs total		Max Rate: 61.0 BPM		Max Pressure: 4,269 PSI	
						114107 lbs Ottawa					
						Initial Annulus Pressure: 0		Final Annulus Pressure: 0		Pump Down Volume:	
						PreFrac SICP:		ISIP: 4,269 PSI		Base BBLS to Recover: 3,083 BBLs	
						Pseudo Frac Gradient: 1.036 PSI/FT		Pseudo Frac Gradient: 19.920 LB/GAL			
								Net Pressure: 2503 psi		Total BBLS to Recover: 3,083 BBLs	
						Breakdown Pressure:		Breakdown Rate:		Perfs Open:	
						ScreenOut: Yes		Tracer: (None)			
Zones:	Perf Date	SPF	Perf Interval:		From	To					
13	11/06/2014	3			6,900	6,901					
12	11/06/2014	3			6,916	6,917					
11	11/06/2014	3			6,924	6,925					
10	11/06/2014	3			6,932	6,933					
9	11/06/2014	3			6,944	6,945					
8	11/06/2014	3			6,960	6,961					
7	11/06/2014	3			6,970	6,971					
6	11/06/2014	3			6,985	6,986					
5	11/06/2014	3			6,993	6,994					
4	11/06/2014	3			7,007	7,008					
3	11/06/2014	3			7,060	7,061					
2	11/06/2014	3			7,072	7,073					
1	11/06/2014	3			7,077	7,078					
Stage 2						Frac Date: 11/13/2014		Avg Rate: 12.0 BPM		Avg Pressure: 2,218 PSI	
Initial Completion						Proppant: 0 lbs total		Max Rate: 44.0 BPM		Max Pressure: 4,104 PSI	
						Initial Annulus Pressure: 39		Final Annulus Pressure: 39		Pump Down Volume:	
						PreFrac SICP: 1,481 PSI		ISIP: 1,242 PSI		Base BBLS to Recover: 290 BBLs	
						Pseudo Frac Gradient: 0.614 PSI/FT		Pseudo Frac Gradient: 11.799 LB/GAL			
								Net Pressure:		Total BBLS to Recover: 290 BBLs	
						Breakdown Pressure: 1196		Breakdown Rate: 1.4		Perfs Open: 11	
						ScreenOut: No		Tracer: (None)			
Zones:	Perf Date	SPF	Perf Interval:		From	To					
22	11/13/2014	3			6,803	6,804					
21	11/14/2014	3			6,804	6,805					
20	11/13/2014	3			6,809	6,810					
19	11/14/2014	3			6,810	6,811					
18	11/13/2014	3			6,815	6,816					
17	11/14/2014	3			6,816	6,817					
16	11/14/2014	3			6,820	6,821					
15	11/13/2014	3			6,821	6,822					
14	11/13/2014	3			6,831	6,832					
13	11/14/2014	3			6,832	6,833					
12	11/14/2014	3			6,835	6,836					
11	11/13/2014	3			6,836	6,837					
10	11/14/2014	3			6,844	6,845					
9	11/13/2014	3			6,845	6,846					
8	11/13/2014	3			6,852	6,854					
7	11/14/2014	3			6,854	6,856					
6	11/14/2014	3			6,860	6,861					
5	11/13/2014	3			6,861	6,862					
4	11/14/2014	3			6,866	6,867					
3	11/13/2014	3			6,867	6,868					
2	11/14/2014	3			6,871	6,872					
1	11/13/2014	3			6,872	6,873					

# Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	11/11/2014
Job End Date:	11/14/2014
State:	Utah
County:	Uintah
API Number:	43-047-54522-00-00
Operator Name:	Ultra Resources
Well Name and Number:	Three Rivers 32-44-720
Longitude:	-109.68831000
Latitude:	40.15828600
Datum:	NAD27
Federal/Tribal Well:	NO
True Vertical Depth:	7,078
Total Base Water Volume (gal):	166,948
Total Base Non Water Volume:	0



## Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Fresh Water	Operator	Base Fluid					
			Fresh Water	7732-18-5	100.00000	89.97411	Density = 8.430
SAND - PREMIUM WHITE	Halliburton	Proppant					
			Crystalline silica, quartz	14808-60-7	100.00000	7.57970	
HYDROCHLORIC ACID 10-30%	Halliburton	Solvent					
			Hydrochloric acid	7647-01-0	30.00000	0.59310	
MC MX 2822	Multi-Chem	Scale Inhibitor					
			Phosphonate of a Diamine, Sodium Salt	Proprietary	30.00000	0.15694	
			Methyl Alcohol	67-56-1	30.00000	0.15694	
MC B-8614	Halliburton	Biocide					
			Acetone	67-64-1	40.00000	0.08823	
			Glutaraldehyde	111-30-8	30.00000	0.06617	
LoSurf-300D	Halliburton	Non-ionic Surfactant					
			Ethanol	64-17-5	60.00000	0.05798	
			Heavy aromatic petroleum naphtha	64742-94-5	30.00000	0.02899	
			Naphthalene	91-20-3	5.00000	0.00483	

			Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched	127087-87-0	5.00000	0.00483	
			1,2,4 Trimethylbenzene	95-63-6	1.00000	0.00097	
WG-35 GELLING AGENT	Halliburton	Gelling Agent					
			Guar gum	9000-30-0	100.00000	0.07448	
BC-140	Halliburton	Crosslinker					
			Monoethanolamine borate	26038-87-9	60.00000	0.04154	
			Ethylene glycol	107-21-1	30.00000	0.02077	
Cla-Web™	Halliburton	Additive					
			Ammonium salt	Confidential	60.00000	0.03447	Denise Tuck, Halliburton 3000 N. Sam Houston Pkwy E., Houston, TX 77032 281-871-6226
FE-1A ACIDIZING COMPOSITION	Halliburton	Additive					
			Acetic anhydride	108-24-7	100.00000	0.02063	
			Acetic acid	64-19-7	60.00000	0.01238	
SandWedge® NT	Halliburton	Conductivity Enhancer					
			Dipropylene glycol monomethyl ether	34590-94-8	60.00000	0.01812	
			Heavy aromatic petroleum naphtha	64742-94-5	10.00000	0.00302	
FR-66	Halliburton	Friction Reducer					
			Hydrotreated light petroleum distillate	64742-47-8	30.00000	0.01682	
OPTIFLO-HTE	Halliburton	Breaker					
			Walnut hulls	Mixture	100.00000	0.00385	
			Crystalline silica, quartz	14808-60-7	30.00000	0.00115	
HAI-404M™	Halliburton	Corrosion Inhibitor					
			Isopropanol	67-63-0	30.00000	0.00114	
			Aldehyde	Confidential	30.00000	0.00114	
			Methanol	67-56-1	30.00000	0.00114	
			Quaternary ammonium salt	Confidential	10.00000	0.00038	
			1-(Benzyl)quinolinium chloride	15619-48-4	10.00000	0.00038	
SP BREAKER	Halliburton	Breaker					
			Sodium persulfate	7775-27-1	100.00000	0.00188	
Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.							
		Other Ingredient(s)					
			Water	7732-18-5		2.12032	
		Other Ingredient(s)					
			Oxyalkylated phenolic resin	Confidential		0.02899	
		Other Ingredient(s)					
			Polyacrylamide copolymer	Confidential		0.01682	
		Other Ingredient(s)					
			Oxyalkylated phenolic resin	Confidential		0.00966	

	Other Ingredient(s)					
		Sodium chloride	7647-14-5		0.00568	
	Other Ingredient(s)					
		Modified bentonite	Confidential		0.00372	
	Other Ingredient(s)					
		Alcohols, C12-16, ethoxylated	68551-12-2		0.00318	
	Other Ingredient(s)					
		Quaternary ammonium compound	Confidential		0.00302	
	Other Ingredient(s)					
		Quaternary amine	Confidential		0.00287	
	Other Ingredient(s)					
		Ammonium chloride	12125-02-9		0.00280	
	Other Ingredient(s)					
		Fatty acid tall oil amide	Confidential		0.00280	
	Other Ingredient(s)					
		Cured acrylic resin	Confidential		0.00115	
	Other Ingredient(s)					
		Naphthenic acid ethoxylate	68410-62-8		0.00114	
	Other Ingredient(s)					
		Silica, amorphous - fumed	7631-86-9		0.00074	
	Other Ingredient(s)					
		Ethoxylated nonylphenol	Confidential		0.00074	
	Other Ingredient(s)					
		Quaternary amine	Confidential		0.00057	
	Other Ingredient(s)					
		Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8		0.00056	
	Other Ingredient(s)					
		Sorbitan monooleate polyoxyethylene derivative	9005-65-6		0.00056	
	Other Ingredient(s)					
		Polyethoxylated fatty amine salt	61791-26-2		0.00038	
	Other Ingredient(s)					
		Fatty acids, tall oil	Confidential		0.00038	
	Other Ingredient(s)					
		Methanol	67-56-1		0.00030	
	Other Ingredient(s)					
		Enzyme	Confidential		0.00019	
	Other Ingredient(s)					
		Ethoxylated amine	Confidential		0.00019	
	Other Ingredient(s)					
		Crystalline silica, quartz	14808-60-7		0.00007	
	Other Ingredient(s)					
		Quaternary amine	Confidential		0.00006	
	Other Ingredient(s)					
		Amine salts	Confidential		0.00006	

		Other Ingredient(s)					
			Amine salts	Confidential		0.00006	
		Other Ingredient(s)					
			Cured acrylic resin	Confidential		0.00004	
		Other Ingredient(s)					
			C.I. Pigment Red 5	6410-41-9		0.00004	
		Other Ingredient(s)					
			Ammonium phosphate	7722-76-1		0.00004	
		Other Ingredient(s)					
			Sodium iodide	7681-82-5		0.00004	
		Other Ingredient(s)					
			Naphthalene	91-20-3		0.00000	
		Other Ingredient(s)					
			Sodium sulfate	7757-82-6		0.00000	

\* Total Water Volume sources may include fresh water, produced water, and/or recycled water

\*\* Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.

Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)



Well Name: Three Rivers 32-44-720 1 MV/Lance

Date, Time & SO: 11:13/14 12:03 AM 901813473  
Top & Bottom Perfs: 6900 TO 7008.0  
Mid-Perf: 6989 BHST: 152 °F

HALLIBURTON

Stage	Stage Name	Slurry Vol	Pump Time	Fluid Name	Fluid Volume	Proppant	Slurry	Max Slurry	Pressure	Pressure	Pressure	Prop Conc	Prop Conc	Liquid Additives											
														WG-35 9000-30-0 (Gel)	BC 140 590-29-4 (Xlinker)	Sandwedge NT 1310-58-3 (Xlinker)	BA-20 631-61-8 (Buffer)	LoSurf-300D	CLA-Web (Clay Cont.)	MC MX 2-2822 (Conduct. Enh.)	Optiflo HTE 7727-54-0 (Breaker)	SP 7775-27-1 (Breaker)	FR-66 (Fric Red)	MC B-8614 7681-52-9 (Bactericide)	
		(bbl)			(gal)	Mass (lb)	Rate (bpm)	Rate (bpm)	Ave (psi)	Max (psi)	Min (psi)	Avg (PPG)	Max (PPG)												
	1 Pre-Pad	19	0:01:55	FR Water	807	0	3.8	9.4	1077	1599	708	0.00	0.00					0	1.00	0.50				0.50	0.20
	2 0 PPG	24	0:02:23	15 % HCL Acid	1000	0	10.9	19.5	2982	3493	1982	0.00	0.00					0							
	3 0 PPG	179	0:02:59	FR Water	7500	0	47.1	60.0	2982	3493	1982	0.00	0.00					0	1.00	0.50	0.75		0.75	0.20	
	4 0.5 PPG White Sand	401	0:06:41	FR Water	16436	6.410	60.3	60.4	2920	3386	2725	0.39	0.56					0	1.00	0.50	0.75		0.75	0.20	
	5 0 PPG	746	0:12:26	FR Water	31336	0	36.7	60.6	3305	4099	1916	0.00	0.00					0	1.00	0.50	0.75		0.75	0.20	
	6 0.5 PPG White Sand	277	0:04:37	18# Delta 140	11340	5.851	54.9	55.9	3086	3135	2996	0.52	0.60	18.00	1.80			0	1.00	0.50	0.25	1.00	0.50	0.00	0.20
	7 0 PPG	146	0:02:26	FR Water	6132	0	55.8	55.8	3137	3138	3135	0.00	0.00					0	1.00	0.50	0.75		0.75	0.20	
	8 0.5 PPG White Sand	256	0:04:16	18# Delta 140	10476	5.406	54.9	55.9	3086	3135	2996	0.52	0.60	18.00	1.80			0	1.00	0.50	0.25	1.00	0.50	0.00	0.20
	9 0.5 PPG White Sand	123	0:02:03	18# Delta 140	5039	2.882	53.2	57.0	3024	3095	2769	0.57	0.59	18.00	1.80			0	1.00	0.50	0.25	1.00	0.50	0.00	0.20
	10 0.5 PPG White Sand	123	0:02:03	18# Delta 140	5026	2.805	56.6	57.2	3045	3120	2992	0.56	0.57	18.00	1.80			0	1.00	0.50	0.25	1.00	0.50	0.00	0.20
	12 2 PPG White Sand	358	0:05:58	18# Delta 140	13691	27.012	56.0	58.2	3050	3192	2847	1.97	2.20	18.00	1.80				1.00	0.50	0.25	1.00	0.50		0.20
	13 4 PPG White Sand	222	0:03:42	18# Delta 140	7783	30.229	58.9	59.2	3038	3116	2975	3.88	4.16	18.00	1.80				1.00	0.50	0.25	1.00	0.50		0.20
	14 6 PPG White Sand	231	0:03:51	18# Delta 140	7501	36.695	59.0	59.6	3199	3498	3011	4.89	6.03	18.00	1.80	1.60			1.00	0.50		1.00	0.50		0.20
						0																			
	15 Flush	129	0:02:09	FR Water	5418	0	7.9	59.2	3218	4269	2592	0.00	0.00						1.00	0.50				0.75	0.20
						0																			
	Growler @ Flush	57			2400	0								50.00					0.00					0.00	
Calculated Amt														1095.41	109.54	58.71	0.00	128.49	64.24	59.39	60.86	30.43	50.52	25.70	
Actual Amt														1050.00	108.30	58.90	0.00	129.00	64.00	73.38	60.20	29.40	54.34	26.00	
Percent Variance														-4.1%	-1.1%	0.0%	0.0%	0.0%	0.0%	23.6%	0.0%	-3.4%	7.6%	0.0%	
Strap Amt														1050.00	108.00	59.00	0.00	129.00	64.00	73.00	60.00	29.00	54.34	26.00	
Percent Variance														-4.1%	-1.4%	0.0%	0.0%	0.0%	0.0%	22.9%	0.0%	-4.7%	7.6%	0.0%	

Percent Variance is reported as 0% if variance is within 1 gallon.

Slurry (bbl) 3232  
Pump Time (Min) 0:57:27  
Clean Fluid (gal) 129485  
Proppant (lb) 127679

Avg Rate 44.0 BPM  
Avg Corrected Rate 47.1 BPM  
Max Rate 60.6 BPM  
Average Prop Con 0.4  
Average Pressure 2939.2 PSI  
Maximum Pressure 4269.0 PSI

BREAKDOWN INFORMATION:

Base Fluid: 8.35 PPG  
Wellhead Pressure: 716 PSI  
Broke Back: 0 PSI  
Pressure (Prop at Perfs) 2750 PSI  
Initial ISIP: 0 PSI  
ISDP: 3750 PSI

@ 60.4 BPM  
@ 0.971 PSI/FT

(Use weight slips for below amounts)			
TOTAL PROPPANT PUMPED: 114,142 Lbs			
% of Job	Prop	Mesh	Quantity
0%	None	20/40	
0%	TLC	20/40	
100%	White Sand	20/40	114,142

Initial Annulus Pressure 0.0 PSI  
Final Annulus Pressure 0.0 PSI

Variance 0.0%			
MB Vari	SS Vari	Dens Vari	SC Vari
2.8%	-1.5%	0.0%	-100.0%

Average Annulus Pressure #DIV/0! PSI  
Change in Annulus Pressure 0.0 PSI

CLEAN STREAM:

UV1 HRs	UV2 HRs	Transm.%
570	569	82.3

COMMENTS:

HES Engineer: Alvaro Meza Ligarda

Co. Rep: Brent Bongers

Crew: RED B

Equipment running well

Xlink samples look good

Good job by Crew

Kicked out on the sweep stage after the first sand stage. Came back online and flushed the sand in the wellbore  
After that we switch to crosslink for the rest of the sand stages

Well Name: Three Rivers 32-44-720 2 MV/Lance

Date, Time & SO: 11/14/14 12:13 PM 901813473  
Top & Bottom Perfs: 6803 TO 6868.0  
Mid-Perf: 6838 BHST: 150 °F

HALLIBURTON

Stage	Stage Name	Slurry Vol  (bbl)	Pump Time	Fluid Name	Fluid Volume  (gal)	Proppant  Mass (lb)	Slurry  Rate (bpm)	Max Slurry  Rate (bpm)	Pressure  Ave (psi)	Pressure  Max (psi)	Pressure  Min (psi)	Prop Conc  Avg (PPG)	Prop Conc  Max (PPG)	Liquid Additives				Liquid Additives								
														WG-35 9000-30-0 (Gel) (ppt)	BC 140 590-29-4 (Xlinker) (gpt)	Sandwedge NT  (Conduct. Enh) (gpt)	1-9 1310-58-3 (Xlinker) (gpt)	BA-20 631-61-8 (Buffer) (gpt)	LoSurf-300D	CLA-Web  (Clay Cont.) (gpt)	MC MX 2-2822  (Scale Inhib.) (gpt)	Optiflo HTE 7727-54-0 (Breaker) (ppt)	SP 7775-27-1 (Breaker) (ppt)	FR-66  (Fric Red) (gpt)	MC B-8614 7681-52-9 (Bactericide) (gpt)	
1	Pre-Pad	145	0:14:32	FR Water	6107	0	0.5	11.9	1515	4870	17	0.00	0.00					0	1.00	0.50				0.50	0.20	
2	0 PPG	14	0:01:26	15 % HCL Acid	600	0												0								
3	0 PPG	241	0:04:01	FR Water	10103	0	36.0	43.2	3615	3841	3115	0.00	0.00					0	1.00	0.50	0.61			0.50	0.20	
						0												0			0.61					
						0												0			0.61					
						0												0			0.61					
						0												0			0.61					
						0												0			0.61					
						0												0			2.00					
						0												0			0.25					
						0														0.25	1.00	0.50				
						0														0.25	1.00	0.50				
						0														0.25	1.00	0.50				
						0										1.80					1.00	0.50				
						0																				
4	Flush			FR Water		0						0.00	0.00											0.50		
						0																				
	Growler @ Flush	57			2400	0								50.00					0.00					0.00		
														Calculated Amt	0.00	0.00	0.00	0.00	0.00	16.21	8.11	6.17	0.00	0.00	8.11	3.24
														Actual Amt						33.40	16.40	11.00			24.40	6.60
														Percent Variance	0.0%	0.0%	0.0%	0.0%	0.0%	106.0%	102.3%	78.2%	0.0%	0.0%	201.0%	103.6%
														Strap Amt												
														Percent Variance												
	Slurry (bbl)	<div><div>400</div></div>																								

Percent Variance is reported as 0% if variance is within 1 gallon.

Slurry (bbl) 400  
Pump Time (Min) 0:19:59  
Clean Fluid (gal) 16810  
Proppant (lb) 0

Avg Rate 18.3 BPM  
Avg Corrected Rate 36.0 BPM  
Max Rate 43.2 BPM  
Average Prop Con 0.0  
Average Pressure 2565.0 PSI  
Maximum Pressure 4870.0 PSI

BREAKDOWN INFORMATION:

Base Fluid: 8.38 PPG  
Wellhead Pressure: 551 PSI  
Broke Back: PSI  
Pressure (Prop at Perfs) PSI  
Initial ISIP: PSI  
ISDP: 2594 PSI

(Use weight slips for below amounts)				Variance			
TOTAL PROPPANT PUMPED: 4,419 Lbs				2473.5%			
% of Job	Prop	Mesh	Quantity	Units	MB Vari	SS Vari	Dens Vari
0%	None	20/40		Lbs	-100.0%	-100.0%	-96.1%
0%	TLC	20/40		Lbs			-100.0%
100%	White Sand	20/40	4,419	Lbs			
Initial Annulus Pressure 22.0 PSI				Average Annulus Pressure 22.0 PSI			
Final Annulus Pressure 0.0 PSI				Change in Annulus Pressure -22.0 PSI			

CLEAN STREAM:

UV1 HRs	UV2 HRs	Transm. %

@ PSI  
@ PSI  
@ 0.815 PSI/FT

COMMENTS:

HES Engineer: Tyler Stingley

Co. Rep: Jeff Scott

Crew: RED A

Equipment running well

Good job by Crew

Pumped extra acid in stage 1 (7000gal) per Co. Rep  
Pressured out in stage one.  
Came offline per Co Rep to observe pressure  
Flowed back well, came back online to try and establish break 1:38 PM.  
Pressured out several more times, tried again to surge the well.  
Pressured out and surced well several more times  
shut in well per co rep